

**Flood Control Project Maintenance  
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start		Rating **	A	Issue No.	2					
LM End		Issue Type +	Ma	Location *	N/A					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Flood Preparedness & Training									
DWR ID	DWR_RD2103_01_s _ 2024_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		Rating **	A	Issue No.	5					
LM End		Issue Type +	Ma	Location *	N/A					
Category	Earthen Levee		GPS Latitude/Longitude							
			Start	End						
Item	Operations & Maintenance Manuals									
DWR ID	DWR_RD2103_01_s _ 2024_5									
Comment Code										
OM : O&M Manuals										
Inspector Comment										
The LMA has a copy of the manual.										

No Photos

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_RD2103_01_s _ 2024_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	** Rating	+ Issue Type
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N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start	0.82	Rating **	U	Issue No.	21
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:85125 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 10/21/2024 Record remains Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. CIPP lining appears to be separating from the 36-inch CMP at the inlet on LS. Twigs are blocking the inlet on LS; recommend clearing. (M. Thao - DWR UCIP) 09/25/2024 Record updated from No Action Needed to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (M. Thao - DWR UCIP) 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: 10/21/2024 1:09:04 PM					

Photo 1 of 3 : UCIP\_FA\_2024\_85125\_125842.jpg



Levee crown looking upstream.

* Location	** Rating	+ Issue Type
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N/A: Not Applicable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	

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Unit No. 01 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start	0.82	Rating **	U	Issue No.	21 (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 2 of 3 : UCIP\_FA\_2024\_85125\_125843.jpg



LS view: General overview looking from crown.

LM Start	<b>0.82</b>	Rating **	U	Issue No.	<b>21 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2024\_85125\_125844.jpg



LS view: Pipe inlet within drainage canal; looking toward levee.

LM Start	1.61	Rating **	C	Issue No.	13
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.028092°	39.028092°
				-121.427859°	-121.427859°
DWR ID	DWR_RD2103_01_s_2024_13				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Corrected.					

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	<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 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start	3.32	Rating **	M	Issue No.	9
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.032971°	39.041396°
				-121.400844°	-121.392002°
DWR ID	DWR_RD2103_01_f_2024_9				
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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_10\_9\_20241004\_00017.jpg



View of annual vegetation on the waterside slope, Fall 2024.

LM Start	3.32	Rating **	M	Issue No.	8
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.032970°	39.041396°
				-121.400844°	-121.392002°
DWR ID	DWR_RD2103_01_f_2024_8				
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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_10\_8\_20241004\_00016.jpg



View of annual vegetation on the landside slope, Fall 2024.

<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 - Fall 2024**

**Reclamation District No. 2103 Wheatland Vicinity**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start	3.59	Rating **	M	Issue No.	23	
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:85132 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 10/21/2024 Record remains Non-Urgent. Crossing not found. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. (M. Thao - DWR UCIP) 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: 10/21/2024 8:53:31 AM						

Photo 1 of 3 : UCIP\_FA\_2024\_85132\_125871.jpg



Levee crown looking upstream.

<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 South Dry Creek	Left	4.64	10/02/2024 10/02/2024	Brooks Weisser

LM Start	3.59	Rating **	M	Issue No.	23 (cont)
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				

Photo 2 of 3 : UCIP\_FA\_2024\_85132\_125870.jpg



LS view: General overview looking from crown.

LM Start	3.59	Rating **	M	Issue No.	23 (cont)
LM End	3.59	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2024\_85132\_125872.jpg



WS view: General overview looking from crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/02/2024 10/02/2024	Brooks Weisser

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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_11\_28\_20240829\_00003.jpg



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

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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_11\_11\_20241004\_00007.jpg



View of downed tree on the waterside slope, Fall 2024.

LM Start	2.06	Rating **	A	Issue No.	2
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.003446°	39.007245°
				-121.402689°	-121.398484°
DWR ID	DWR_RD2103_02_f_2024_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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_11\_2\_20241108\_00011.jpg



View of annual vegetation on the landside slope, Fall 2024.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		



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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/02/2024 10/02/2024	Brooks Weisser

LM Start	2.76	Rating **	A	Issue No.	3
LM End	3.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.010778°	39.017126°
				-121.395108°	-121.386291°
DWR ID	DWR_RD2103_02_f_2024_3				
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 2024.					

No Photos

LM Start	2.78	Rating **	A	Issue No.	4
LM End	3.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.010855°	39.017487°
				-121.394750°	-121.385826°
DWR ID	DWR_RD2103_02_f_2024_4				
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 2024.					

No Photos

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 2024.					

Photo 1 of 1 : FA\_2024\_RD2103\_11\_15\_20240829\_00002.jpg



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

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		