

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	10/18/2021 10/18/2021	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					
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					
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					
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	10/18/2021 10/18/2021	Brooks Weisser

LM Start	0.01	Rating **	M	Issue No.	28
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.021775 °	39.025961 °
				-121.453871 °	-121.437175 °
DWR ID	DWR_RD2103_01_f_2021_28				
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 2021.					

Photo 1 of 1 : FA_2021_RD2103_10_28_20211020_00053.jpg



View of annual vegetation on the landside slope, Fall 2021.

LM Start	0.01	Rating **	M	Issue No.	29
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.021775 °	39.025959 °
				-121.453871 °	-121.437173 °
DWR ID	DWR_RD2103_01_f_2021_29				
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 to 20 feet from the levee crown, Fall 2021.					

Photo 1 of 1 : FA_2021_RD2103_10_29_20211020_00054.jpg



View of annual vegetation on the waterside slope, Fall 2021.

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020856 °	39.020938 °
				-121.450629 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodent activity noticed due to tall vegetation, will check again in fall when vegetation is removed, Fall 2021.					

Photo 1 of 1 : FA_2021_RD2103_10_23_20210901_00005.jpg



View of active squirrel holes on the landside looking upstream, Spring 2020.

* 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	10/18/2021 10/18/2021	Brooks Weisser

LM Start	0.82	Rating **	U	Issue No.	39	
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:66323 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 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 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 located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 1/21/2021						

LM Start	0.82	Rating **	U	Issue No.	39 (cont)
LM End	0.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2021_66323_98695.jpg



LS view: overview of private access road on the LS toe.

Photo 2 of 3 : UCIP_FA_2021_66323_98696.jpg



LS view: pipe inlet visible on the LS

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LM Start	0.82	Rating **	U	Issue No.	39 (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_2021_66323_98697.jpg



LS view: overview of LS slope

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 trees to at least five feet above ground level.					
Inspector Comment					
Remove small starter tree on the water side hinge, Fall 2021.					

Photo 1 of 1 : FA_2021_RD2103_10_26_20211020_00052.jpg



View of starter tree on the waterside hinge, Fall 2021.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	10/18/2021 10/18/2021	Brooks Weisser

LM Start	0.00	Rating **	M	Issue No.	25
LM End	1.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993413 °	39.001807 °
				-121.437343 °	-121.405132 °
DWR ID	DWR_RD2103_02_f_2021_25				
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 to 20 feet from the levee crown, Fall 2021.					

Photo 1 of 1 : FA_2021_RD2103_11_25_20211020_00043.jpg



View of annual vegetation on the waterside slope, Fall 2021.

LM Start	0.00	Rating **	M	Issue No.	23
LM End	2.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993419 °	39.007619 °
				-121.437342 °	-121.397618 °
DWR ID	DWR_RD2103_02_f_2021_23				
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 2021.					

Photo 1 of 1 : FA_2021_RD2103_11_23_20211020_00042.jpg



View of annual vegetation on the landside slope, Fall 2021.

LM Start	2.03	Rating **	M	Issue No.	26
LM End	2.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.003171 °	39.003171 °
				-121.403029 °	-121.403029 °
DWR ID	DWR_RD2103_02_f_2021_26				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
Low hanging tree branches need be be trimmed to 12 feet about the road surface to allow access, Fall 2021.					

Photo 1 of 1 : FA_2021_RD2103_11_26_20211020_00046.jpg



View of low hanging tree branches over the levee road, Fall 2021.

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Unit No. 02 Bear River	Right	4.88	10/18/2021 10/18/2021	Brooks Weisser

LM Start	2.59	Rating **	M	Issue No.	24
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009249 °	39.009249 °
				-121.397334 °	-121.397334 °
DWR ID	DWR_RD2103_02_s_2015_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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					
T2 : Thin trees 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 2021.					

Photo 1 of 1 : FA_2021_RD2103_11_15_20211020_00047.jpg



View looking downstream landside at a small tree at the levee toe less than 4" in diameter, Fall 2021.

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