

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 0755 Randall

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	04/27/2023 04/27/2023	Saskia Donovan

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_14				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
District has been trained in Flood Fight Methods.					

No Photos

LM Start		Rating **	A	Issue No.	15
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_15				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
District maintains supply of sand bags and has emergency supplies stored in locked container near Courtland's fire house.					

No Photos

LM Start		Rating **	A	Issue No.	16
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0755_01_f_2014_16				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
District has O&M Manual on hand.					

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 Sacramento River	Left	1.83	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.20	Rating **	C	Issue No.	4
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.346500°	38.344130°
				-121.539146°	-121.552038°
DWR ID	DWR_RD0755_01_f_2014_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
The rodent holes have been backfilled.					

No Photos

LM Start	0.21	Rating **	M	Issue No.	10
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.346428°	38.346428°
				-121.539400°	-121.539400°
DWR ID	DWR_RD0755_01_s_2019_10				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There is a 2" separation between roadway and levee on the landside shoulder.					

Photo 1 of 1 : SP_2023_RD0755_177_10_20230206_00002.jpg



View of the small slip on the LS shoulder (Fall 2022).

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.28	Rating **	U	Issue No.	18
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.346249°	38.346331°
				-121.540542°	-121.540664°
DWR ID	DWR_RD0755_01_s_2020_18				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Fall 2022: Erosion repair is pending. This was a 2017 Storm Damage site.					
Damage consists of erosion of the lower waterside levee slope and bank approximately 27 feet in length.					
Site ID No:327					
Site Designation:LMA-154					
3/25/2020 Field Notes:					
Erosion is significant. At least 1' into waterside slope. No riprap present.					

LM Start	0.28	Rating **	U	Issue No.	18 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2023_RD0755_177_18_20230510_00035.jpg



View of the WS erosion looking down the slope (Spring 2023).

Photo 2 of 2 : SP_2023_RD0755_177_18_20230206_00003.jpg



View looking upstream and slightly up at erosion into the waterside slope (Spring 2020).

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.83	04/27/2023 04/27/2023	Saskia Donovan

LM Start	0.70	Rating **	M	Issue No.	5
LM End	0.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.345057°	38.345057°
				-121.548050°	-121.548050°
DWR ID	18852				
Comment Code					
Inspector Comment					
DS_ID:18852 FS_ID:57038 EP_NO: 11222 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 05/26/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. Pipe was running during site visit pumping water to the waterside. (O.Yakimov - DWR UCIP) 08/06/2013 It was working during field survey. A pump found 150 ft from the levee. Not sure whether the pump belong to this drainage system. FIELD_STRUCT_DESC: 16-inch steel drainage pipe sleeved through a 24-inch steel drainage pipe through the levee, invert elevation 8 feet below the crown. Air vent installed on the pipe on WS slope. Concrete headwall on LS. (12-inch pipe sleeved through 24-inch pipe-inch pipe [HLM 0.71] authorized under Automatic Board Order (ABO) issued as Permit No. 11222, 1975 - Green McKeown, Inc). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.71), referenced as 12-inch pipe through 24-inch pipe. USACE Sacramento O&M Manual, Unit 111, May 1959, Revised 29 December 2016, (RM 35.89), listed as 24-inch pipe]. FS Date: 5/26/2020 3:00:07 PM					

LM Start	0.70	Rating **	M	Issue No.	5 (cont)
LM End	0.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_57038_84440.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_SP_2023_57038_84442.jpg



Water-Side: View of levee slope looking from crown

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LM Start	0.70	Rating **	M	Issue No.	5 (cont)
LM End	0.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.345057°	38.345057°
				-121.548050°	-121.548050°
DWR ID	18852				

Photo 3 of 3 : UCIP_SP_2023_57038_84443.jpg



Water-Side: Pipe and air release valve on levee slope

LM Start	1.23	Rating **	A/W	Issue No.	22
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.342992°	38.342633°
				-121.557572°	-121.558622°
DWR ID	LMA-155				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

This was a 2017 Storm Damage site.
Damage consists of erosion of the lower waterside levee slope and bank approximately 322 feet in length.
Site ID No:328
Site Designation:LMA-155
6/18/2020 Field Notes:
Erosion is into berm and not prism.

Photo 1 of 1 : SP_2023_RD0755_177_22_20230206_00004.jpg



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