

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard East Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	2.01	10/24/2023 10/24/2023	Nate Hicks

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0004_01_s_2013_3				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0004_01_s_2013_4				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

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	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0004_01_s_2013_5				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The Sacramento Maintenance Yard has a written response plan and regular flood response training.					

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 Yolo Bypass	Left	2.01	10/24/2023 10/24/2023	Nate Hicks

LM Start	0.80	Rating **	A	Issue No.	8
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.753801°	38.753801°
				-121.634788°	-121.634788°
DWR ID	DWR_ST0004_01_f_2023_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0004_41_8_20231025_00009.jpg



View of acceptable vegetation on the landside slope (Fall 2023).

LM Start	1.51	Rating **	A/W	Issue No.	1
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.743573°	38.743573°
				-121.634128°	-121.634128°
DWR ID	DWR_ST0004_01_s_2020_1				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion on a side of a ditch toward LS toe caused by water coming out of irrigation canal. Recommend monitoring.					

Photo 1 of 1 : FA_2023_ST0004_41_1_20231024_00001.jpg



View of erosion on landside irrigation canal. Spring 2021.

LM Start	1.70	Rating **	M	Issue No.	9
LM End	1.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.740830°	38.740830°
				-121.633994°	-121.633994°
DWR ID	DWR_ST0004_01_f_2023_9				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Remove fallen tree from access ramp.					

No Photos

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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 Yolo Bypass	Left	2.01	10/24/2023 10/24/2023	Nate Hicks

LM Start	1.71	Rating **	M	Issue No.	10
LM End	1.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.740710°	38.740710°
				-121.633981°	-121.633981°
DWR ID	838				
Comment Code					
Inspector Comment					
DS_ID:838 FS_ID:80055 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 05/23/2023 Record updated from Urgent to Non-Urgent. LoF grade is equal to 5 due to pipe surface damage corrosion, integrity issues are not found. Crossing will be monitored until funding becomes available for rehabilitation. (O.Yakimov - DWR UCIP). 12/15/2022 Record updated from Non-Urgent to Urgent. DMP internal video inspection has LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. (O.Yakimov - DWR UCIP) 03/08/2022 Record updated from No Action Needed to Non-Urgent. Multiple sinkholes around headwall on waterside. A sinkhole measured 2-feet in diameter and 3-feet deep located on a shoulder of toe road located approximately 20 feet from levee toe in pipe alignment. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) 11/16/2017 Pipe is closed on w/s and closed on L/S. Mud removed recently from WS pipes. (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: 1 of 2: 48-inch corrugated metal drainage pipe through the levee, 28.5 feet below the crown. 30-inch steel pipe sleeved through the 48-inch pipe. Slide gate in a 60-inch pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1981. USACE Sacramento O&M Manual 123, August 1955, (Station 382+85)]. No permit or as-built drawing available. FS Date: 3/8/2022 10:33:40 AM					

Photo 1 of 3 : UCIP_FA_2023_80055_106877.jpg



Land-Side: View of levee slope looking from crown

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LM Start	1.71	Rating **	M	Issue No.	10 (cont)
LM End	1.71	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.740710°	38.740710°	
			-121.633981°	-121.633981°	
DWR ID	838				

Photo 2 of 3 : UCIP_FA_2023_80055_106879.jpg



Water-Side: View of levee slope looking from crown. CMP riser on slope

LM Start	1.71	Rating **	M	Issue No.	10 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_80055_106881.jpg



Water-Side: Multiple sinkholes filled with water around headwall

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Unit No. 01 Yolo Bypass	Left	2.01	10/24/2023 10/24/2023	Nate Hicks

LM Start	1.71	Rating **	M	Issue No.	11	
LM End	1.71	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.740686°	38.740686°	
				-121.633979°	-121.633979°	
DWR ID	840					
Comment Code						
Inspector Comment						
DS_ID:840 FS_ID:80056 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 05/23/2023 Record updated from Urgent to Non-Urgent. LoF grade is equal to 5 due to pipe surface damage corrosion, integrity issues are not found. Crossing will be monitored until funding becomes available for rehabilitation. (O.Yakimov - DWR UCIP). 12/15/2022 Record updated from Non-Urgent to Urgent. DMP internal video inspection has LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. (O.Yakimov - DWR UCIP) 03/08/2022 Record updated from No Action Needed to Non-Urgent. Multiple sinkholes around headwall on waterside. A sinkhole measured 2-feet in diameter and 2-feet deep located on a shoulder of toe road located approximately 20 feet from levee toe in pipe alignment. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 48-inch corrugated metal drainage pipe through the levee, 28.5 feet below the crown. 30-inch steel pipe sleeved through the 48-inch pipe. Slide gate in a 60-inch pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1981. USACE Sacramento O&M Manual 123, August 1955, (Station 382+85)]. No permit or as-built drawing available. FS Date: 3/8/2022 10:34:05 AM						

LM Start	1.71	Rating **	M	Issue No.	11 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_80056_106886.jpg



Water-Side: View of levee slope looking from crown. CMP riser on slope

Photo 2 of 3 : UCIP_FA_2023_80056_106888.jpg



Water-Side: Sinkhole at the edge of toe road

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LM Start	1.71	Rating **	M	Issue No.	11 (cont)
LM End	1.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.740686°	38.740686°
				-121.633979°	-121.633979°
DWR ID	840				

Photo 3 of 3 : UCIP_FA_2023_80056_106884.jpg



Land-Side: View of levee slope looking from crown

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