

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard East Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Left	2.01	10/27/2021 10/27/2021	Zach Jojola

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					
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					
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					
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	10/27/2021 10/27/2021	Zach Jojola

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_2021_ST0004_41_1_20210907_00001.jpg



View of erosion on landside irrigation canal. Spring 2021.

LM Start	1.71	Rating **	A/W	Issue No.	6	
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:53253 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 11/16/17 Ted Skidgel, pipe is closed on w/s and closed on L/S. Mud removed recently from WS pipes. 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: 11/21/2018 8:31:59 AM						

Photo 1 of 3 : UCIP_FA_2021_53253_60261.jpg



Waterside view: overview CMP standpipe and water body

* 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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LM Start	1.71	Rating **	A/W	Issue No.	6 (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_2021_53253_60260.jpg



Waterside view: steel pipe and concrete headwall

LM Start	1.71	Rating **	A/W	Issue No.	6 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2021_53253_60259.jpg



Waterside view: overview steel pipes and concrete headwall

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Unit No. 01 Yolo Bypass	Left	2.01	10/27/2021 10/27/2021	Zach Jojola

LM Start	1.71	Rating **	A/W	Issue No.	7	
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:53254 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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: 11/21/2018 8:34:20 AM						

Photo 1 of 3 : UCIP_FA_2021_53254_60269.jpg



Waterside view: overview of CMP standpipe and water body

LM Start	1.71	Rating **	A/W	Issue No.	7 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2021_53254_60268.jpg



Waterside view: mud clogged pipe, trash rack and headwall

* 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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LM Start	1.71	Rating **	A/W	Issue No.	7 (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_2021_53254_60267.jpg



Waterside view: overview pipes and headwall

* 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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