

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_25				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The Sacramento Maintenance Yard has a copy of the O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	26
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_26				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The Sacramento Maintenance Yard has adequate emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_ST0007_01_s_2013_27				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The Sacramento Maintenance Yard trains yearly for flood fighting.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	0.15	Rating **	M	Issue No.	1
LM End	0.15	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.521560°	38.521560°	
			-121.631770°	-121.631770°	
DWR ID	594				
Comment Code					
Inspector Comment					
DS_ID:594 FS_ID:55580 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 11/07/2019 Record updated from No Action Needed to Non-Urgent. Crossing not found. No permit available for this crossing. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee at an unknown depth below the crown. Reinforced concrete headwalls on both waterside (WS) and landside (LS). Concrete apron with cobble paving is located on the channel side. (2012) No evidence that structure exists remains on levee. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 0+62), listed as 48-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 1, pdf page 18, Sheet 2, December 1947] FS Date: 11/7/2019 9:52:06 AM					

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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**Flood Control Project Maintenance
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2023

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	2.72	Rating **	M	Issue No.	2	
LM End	2.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.517580°	38.517580°	
				-121.676820°	-121.676820°	
DWR ID	492					
Comment Code						
Inspector Comment						
DS_ID:492 FS_ID:55597 EP_NO: 10262 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 11/07/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined drainage pipe of unknown material through levee, 13 feet below crown. Slide gate is located on the waterside (WS) end. Concrete headwalls are located on both the waterside (WS) and landside (LS). (24-inch pipe [HLM 2.77] authorized under Automatic Board Order (ABO) issued as Permit No. 10262, 1974 - Wells Fargo Bank, Trustee for S.H. Cowell Foundation) [Additional Reference(s): DWR Levee Log, 1981 and 2005 (HLM 2.77). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station P 213+00), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 3, pdf page 22, Sheet 6, December 1947] FS Date: 11/7/2019 10:48:08 AM						

LM Start	2.72	Rating **	M	Issue No.	2 (cont)
LM End	2.72	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_55597_82102.jpg



View of WS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_55597_82103.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	2.72	Rating **	M	Issue No.	2 (cont)
LM End	2.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517580°	38.517580°
				-121.676820°	-121.676820°
DWR ID	492				

Photo 3 of 3 : UCIP_SP_2023_55597_82104.jpg



LS levee slope, headwall, and pipe end

LM Start	3.80	Rating **	M	Issue No.	6
LM End	3.80	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519790°	38.519790°
				-121.695450°	-121.695450°
DWR ID	496				

Comment Code

Inspector Comment

DS_ID:496
 FS_ID:55455
 EP_NO: 10251
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. Installed a new precast concrete box on the waterside. Pipe will be lined in November 2019 according to FMO staff. (O.Yakimov - DWR UCIP)4/10/2019 Major erosion through out pipe. Erosion on WS allows water to enter pipe and flood LS field. Erosion on farmers waterman valve. Field water drains into pipe and floods LS field. (J.McCabe - DWR Sacramento Yard)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through levee, 15 feet below the crown. Two metal cutoff walls were installed through the levee. A T-post and T-handle are located on the landside (LS) toe. The outfall structure and flap gate are located on the west side of bridge, waterside (WS). (24-inch pipe [HLM 3.87] authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.) [Additional Reference(s): DWR Levee Log, 1981 and 2005 (HLM 3.87). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 1+50 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 23, Sheet 7, December 1947]
 FS Date: 10/22/2019 3:38:32 PM

Photo 1 of 3 : UCIP_SP_2023_55455_81753.jpg



LS levee slope, headwall, and pipe end

* 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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Levee Inspections**

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Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	3.80	Rating **	M	Issue No.	6 (cont)
LM End	3.80	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.519790°	38.519790°	
			-121.695450°	-121.695450°	
DWR ID	496				

Photo 2 of 3 : UCIP_SP_2023_55455_81754.jpg



View inside of CMP drainage pipe

LM Start	3.80	Rating **	M	Issue No.	6 (cont)
LM End	3.80	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_55455_81755.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	4.05	Rating **	M	Issue No.	7	
LM End	4.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.518685°	38.518685°	
				-121.699835°	-121.699835°	
DWR ID	497					
Comment Code						
Inspector Comment						
DS_ID:497 FS_ID:55456 EP_NO: 10251 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Geophysical study indicates possible presence of pipe through levee. Need to have CVFPB review ABO and determine current owner. Pipe inlet and headwall are not visible on LS. Slide gate in CMP riser is in closed position, crossing looks abandoned. Construction according to permit 10251-1 hasn't started yet. Field structure description is updated to match original pipe construction. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch drainage pipe of unknown material through levee, 16 feet below the crown. 36-inch galvanized corrugated metal pipe (CMP) riser located on the waterside (WS) slope. (24-inch pipe [HLM 4.13] authorized under Automatic Board Order (ABO) issued as Permit No. 10251, 1974 - F.M.C. Corp.; assumed original 24-inch pipe was installed in 12/12/1952 per O&M manual) [Additional Reference(s): DWR Levee Log, 1981 and 2005 (HLM 4.13). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 17+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 23, Sheet 7, December 1947] FS Date: 10/22/2019 11:37:56 AM						

LM Start	4.05	Rating **	M	Issue No.	7 (cont)
LM End	4.05	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_55456_81760.jpg



View of levee crown at the crossing

Photo 2 of 3 : UCIP_SP_2023_55456_81761.jpg



View of LS looking from levee crown

* 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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Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	4.05	Rating **	M	Issue No.	7 (cont)	
LM End	4.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.518685°	38.518685°	
				-121.699835°	-121.699835°	
DWR ID	497					

Photo 3 of 3 : UCIP_SP_2023_55456_81762.jpg



View of WS looking from levee crown

LM Start	5.28	Rating **	M	Issue No.	8
LM End	5.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518022°	38.518022°
				-121.722521°	-121.722521°
DWR ID	500				

Comment Code

Inspector Comment

DS_ID:500
FS_ID:59861
EP_NO: 10256
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)05/06/2013 Debris removed. See picture (C. Lund - DWR Sacramento Yard)
04/04/2012 Some debris in pipe invert LS (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.39] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.39). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 83+70 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947].
FS Date: 10/22/2019 3:11:00 PM

Photo 1 of 3 : UCIP_SP_2023_59861_81775.jpg



View of LS looking from levee crown

* Location LS: Land Side 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.28	Rating **	M	Issue No.	8 (cont)
LM End	5.28	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.518022°	38.518022°	
			-121.722521°	-121.722521°	
DWR ID	500				

Photo 2 of 3 : UCIP_SP_2023_59861_81776.jpg



View of WS looking from levee crown

LM Start	5.28	Rating **	M	Issue No.	8 (cont)
LM End	5.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59861_81777.jpg



LS levee slope, headwall, and pipe end

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.30	Rating **	M	Issue No.	9	
LM End	5.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.518032°	38.518032°	
				-121.722778°	-121.722778°	
DWR ID	501					
Comment Code						
Inspector Comment						
DS_ID:501 FS_ID:55460 EP_NO: 10256 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. Crossing has been modified to supply water from LS to WS. Should not be considered a storm drainage pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Slide gate on the waterside (WS) end in 36-inch standpipe. Concrete standpipe at LS toe with fill-in pipe. (24-inch pipe [HLM 5.40] authorized under Automatic Board Order (ABO) issued as Permit No. 10256, 1974 - Albert H. Lederer). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.40). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 84+40 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947]. FS Date: 10/22/2019 3:28:15 PM						

LM Start	5.30	Rating **	M	Issue No.	9 (cont)
LM End	5.30	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_55460_81779.jpg



View of LS slope with concrete standpipe at levee toe

Photo 2 of 3 : UCIP_SP_2023_55460_81780.jpg



36-inch CMP standpipe with slide gate at WS levee toe

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.30	Rating **	M	Issue No.	9 (cont)
LM End	5.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518032°	38.518032°
				-121.722778°	-121.722778°
DWR ID	501				

Photo 3 of 3 : UCIP_SP_2023_55460_81781.jpg



View inside of CMP standpipe on WS

LM Start	5.56	Rating **	M	Issue No.	11
LM End	5.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518249°	38.518249°
				-121.727538°	-121.727538°
DWR ID	502				

Comment Code

Inspector Comment

DS_ID:502
 FS_ID:55461
 EP_NO: 10255
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.67] authorized under Automatic Board Order (ABO) issued as Permit No. 10255, 1974 - Owen W. and Ray W. Hamel).
 [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.67). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 97+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947].
 FS Date: 10/22/2019 4:03:27 PM

Photo 1 of 3 : UCIP_SP_2023_55461_81782.jpg



View of LS looking from levee crown

* 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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Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.56	Rating **	M	Issue No.	11 (cont)
LM End	5.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518249°	38.518249°
				-121.727538°	-121.727538°
DWR ID	502				

Photo 2 of 3 : UCIP_SP_2023_55461_81783.jpg



View of WS looking from levee crown

LM Start	5.56	Rating **	M	Issue No.	11 (cont)
LM End	5.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_55461_81784.jpg



WS levee slope, headwall, and slide gate

LM Start	5.74	Rating **	U	Issue No.	60
LM End	5.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.518347°	38.518347°
				-121.730949°	-121.730949°
DWR ID	DWR_ST0007_01_f_2021_60				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is significant erosion at the pipe location and into the landside slope and edge of the roadway.					

Photo 1 of 1 : SP_2023_ST0007_282_60_20230515_00013.jpg



View of the erosion around the pipe on the LS slope (Fall 2022).

* Location LS : Land Side 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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Levee Inspections**

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Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.74	Rating **	M	Issue No.	13
LM End	5.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518368°	38.518368°
				-121.730947°	-121.730947°
DWR ID	503				
Comment Code					
Inspector Comment					
DS_ID:503 FS_ID:59863 EP_NO: 10252 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/06/2013 Owner of pipe needs to clean out obstruction in pipe. (C. Lund - DWR Sacramento Yard) 04/04/2012 Partially obstructed with sedimentation throughout crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 5.86] authorized under Automatic Board Order (ABO) issued as Permit No. 10252, 1974 - John F. Hamel). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.86). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 108+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947]. FS Date: 10/22/2019 10:55:00 AM					

LM Start	5.74	Rating **	M	Issue No.	13 (cont)
LM End	5.74	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59863_82261.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_59863_82262.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.74	Rating **	M	Issue No.	13 (cont)
LM End	5.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518368°	38.518368°
				-121.730947°	-121.730947°
DWR ID	503				

Photo 3 of 3 : UCIP_SP_2023_59863_82263.jpg



LS levee slope, headwall, and pipe end

LM Start	6.35	Rating **	C	Issue No.	72
LM End	6.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			38.518273°	38.518273°
				-121.742212°	-121.742212°
DWR ID	DWR_ST0007_01_s_2022_72				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Corrected.					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.45	Rating **	M	Issue No.	14	
LM End	6.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.518208°	38.518208°	
				-121.743990°	-121.743990°	
DWR ID	505					
Comment Code						
Inspector Comment						
DS_ID:505 FS_ID:55647 EP_NO: 10253 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Levee toe erosion on both sides of headwall on WS. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 10.4 feet below the crown. Slide gate on the waterside (WS), and concrete headwalls on both the WS and the landside (LS). (24-inch pipe [HLM 6.57] authorized under Automatic Board Order (ABO) issued as Permit No. 10253, 1974 - Lester J. Hamel). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.57. USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 145+50 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947]. FS Date: 10/22/2019 11:07:35 AM						

LM Start	6.45	Rating **	M	Issue No.	14 (cont)
LM End	6.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_55647_82273.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_55647_82274.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.45	Rating **	M	Issue No.	14 (cont)
LM End	6.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518208°	38.518208°
				-121.743990°	-121.743990°
DWR ID	505				

Photo 3 of 3 : UCIP_SP_2023_55647_82275.jpg



WS levee slope, headwall, and slide gate

LM Start	6.63	Rating **	C	Issue No.	69
LM End	6.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.517697°	38.517697°
				-121.747210°	-121.747210°
DWR ID	DWR_ST0007_01_s_2022_69				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Corrected.					

No Photos

LM Start	6.83	Rating **	A/W	Issue No.	47
LM End	6.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.517669°	38.517669°
				-121.751011°	-121.751011°
DWR ID	DWR_ST0007_01_s_2020_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.88	Rating **	M	Issue No.	34
LM End	6.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.517362°	38.517355°
				-121.751778°	-121.752824°
DWR ID	DWR_ST0007_01_s_2022_34				
Comment Code					
Inspector Comment					
2018 Site ID: PUC 7.2 L					
Status: Eroding					
2018 Field Notes: Last observed in 2017.					
Site History: 2011 - The toe to mid-bank is slumping. Large tree pop-outs have furthered the erosion. Slope is slightly steeper than 1:1.					
2017 - New erosion along lower bank.					

No Photos

LM Start	6.95	Rating **	M	Issue No.	17
LM End	6.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517679°	38.517679°
				-121.753146°	-121.753146°
DWR ID	508				
Comment Code					
Inspector Comment					
DS_ID:508 FS_ID:55664 EP_NO: 10247 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/22/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete Apron on the WS. (24-inch pipe [HLM 7.09] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.09). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 172+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947]. FS Date: 10/22/2019 1:55:30 PM					

Photo 1 of 3 : UCIP_SP_2023_55664_82343.jpg



View of levee crown at the crossing

* 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.95	Rating **	M	Issue No.	17 (cont)
LM End	6.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517679°	38.517679°
				-121.753146°	-121.753146°
DWR ID	508				

Photo 2 of 3 : UCIP_SP_2023_55664_82344.jpg



View of WS looking from levee crown

LM Start	6.95	Rating **	M	Issue No.	17 (cont)
LM End	6.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_55664_82345.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.18	Rating **	M	Issue No.	18	
LM End	7.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.518181°	38.518181°	
				-121.757309°	-121.757309°	
DWR ID	512					
Comment Code						
Inspector Comment						
DS_ID:512						
FS_ID:59869						
EP_NO: 10247						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/07/2013 Debris removed from outlet. (C. Lund - DWR Sacramento Yard)						
04/04/2012 Some debris blocking outlet. (W. Wylie - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch CIPP-lined drainage pipe of an unknown material through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch [HLM 7.36] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.36). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 183+97 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947].						
FS Date: 10/21/2019 2:33:00 PM						

Photo 1 of 3 : UCIP_SP_2023_59869_82357.jpg



View of WS looking from levee crown

LM Start	7.18	Rating **	M	Issue No.	18 (cont)
LM End	7.18	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2023_59869_82355.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.18	Rating **	M	Issue No.	18 (cont)
LM End	7.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518181°	38.518181°
				-121.757309°	-121.757309°
DWR ID	512				

Photo 3 of 3 : UCIP_SP_2023_59869_82356.jpg



LS levee slope, headwall, and pipe end

LM Start	7.35	Rating **	M	Issue No.	20
LM End	7.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518510°	38.518510°
				-121.760474°	-121.760474°
DWR ID	516				

Comment Code

Inspector Comment

DS_ID:516
 FS_ID:59874
 EP_NO: 10260
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 10/21/2019 Record remains Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/07/2013 Owner of pipe may have to clean sediment. (C. Lund - DWR Sacramento Yard)
 04/05/2012 Pipe is partially obstructed with sedimentation. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. (24-inch pipe [HLM 7.52] authorized under Automatic Board Order (ABO) issued as Permit No. 10260, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.52). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 193+20 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947].
 FS Date: 10/21/2019 4:00:00 PM

Photo 1 of 3 : UCIP_SP_2023_59874_82372.jpg



View of levee crown at the crossing

* 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.35	Rating **	M	Issue No.	20 (cont)
LM End	7.35	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.518510°	38.518510°	
			-121.760474°	-121.760474°	
DWR ID	516				

Photo 2 of 3 : UCIP_SP_2023_59874_82373.jpg



View of LS looking from levee crown

LM Start	7.35	Rating **	M	Issue No.	20 (cont)
LM End	7.35	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59874_82374.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.56	Rating **	M	Issue No.	21	
LM End	7.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.519002°	38.519002°	
				-121.764315°	-121.764315°	
DWR ID	518					
Comment Code						
Inspector Comment						
DS_ID:518 FS_ID:59875 EP_NO: 10247 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Difficult access to pipe inlet on LS due to a fence. (O.Yakimov - DWR UCIP)05/07/2013 Fence blocking inlet. Owner of fence needs to move fence away from inlet. (C. Lund - DWR Sacramento Yard) 04/05/2012 Clear debris from pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) slope, and headwalls on both sides. (24-inch pipe [HLM 7.75] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005 (HLM 7.75). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 204+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947]. FS Date: 10/21/2019 8:27:00 AM						

LM Start	7.56	Rating **	M	Issue No.	21 (cont)
LM End	7.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59875_82382.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_59875_82383.jpg



LS: headwall and pipe end near a fence

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.56	Rating **	M	Issue No.	21 (cont)
LM End	7.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519002°	38.519002°
				-121.764315°	-121.764315°
DWR ID	518				

Photo 3 of 3 : UCIP_SP_2023_59875_82385.jpg



WS: headwall and slide gate

LM Start	7.97	Rating **	M	Issue No.	22
LM End	7.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.518860°	38.518860°
				-121.771610°	-121.771610°
DWR ID	599				

No Photos

Comment Code

Inspector Comment

DS_ID:599
 FS_ID:59877
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Crossing not found. Geophysical evaluation didn't confirm evidence of pipe at this location. (O.Yakimov - DWR UCIP)04/05/2012 Likely removed as part of I-80 construction as no evidence remains of pipe. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, at an unknown depth. Two corrugated metal cutoff walls, two reinforced concrete headwalls, and one saddle and apron.
 [Additional Reference(s): USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 225+15 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 2, pdf page 26, Sheet 10, December 1947].
 FS Date: 10/21/2019 8:51:00 AM

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	8.28	Rating **	M	Issue No.	24	
LM End	8.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.521246°	38.521246°	
				-121.776434°	-121.776434°	
DWR ID	520					
Comment Code						
Inspector Comment						
DS_ID:520 FS_ID:59879 EP_NO: 10247 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/07/2012 Cleaned inlet and outlets. Owner of pipe may need to clean pipe. (C. Lund - DWR Sacramento Yard) 04/05/2012 Pipe is plugged with soil on LS. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 8 feet below the crown. Slide gate on the waterside (WS) end. (24-inch pipe [HLM 8.45] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005 (HLM 8.45). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 241+50 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 2, pdf page 26, Sheet 10, December 1947]. FS Date: 10/21/2019 10:02:00 AM						

LM Start	8.28	Rating **	M	Issue No.	24 (cont)
LM End	8.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59879_82393.jpg



View of levee crown at the crossing

Photo 2 of 3 : UCIP_SP_2023_59879_82394.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	8.28	Rating **	M	Issue No.	24 (cont)
LM End	8.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521246°	38.521246°
				-121.776434°	-121.776434°
DWR ID	520				

Photo 3 of 3 : UCIP_SP_2023_59879_82395.jpg



View of WS looking from levee crown

LM Start	8.33	Rating **	M	Issue No.	28
LM End	8.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521660°	38.521660°
				-121.777203°	-121.777203°
DWR ID	521				

Comment Code

Inspector Comment

DS_ID:521
FS_ID:59880
EP_NO: 10247
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/07/2013 Removed material at slidegate and inlet. (C. Lund - DWR Sacramento Yard) 04/05/2012 Pipe is partially blocked by sedimentation and slide gate will not open. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 7 feet below the crown. Slide gate on the waterside (WS) end. Headwalls on both ends. (24-inch pipe [HLM 8.50] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents. Also mentioned in Permit No. 5896, 1967 - The Regents of the University of California, Office of Architects and Engineers, University of California, Davis Campus). [Additional Reference(s): DWR Levee Log, 2005 (HLM 8.50). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 244+20 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 2, pdf page 26, Sheet 10, December 1947].
FS Date: 10/21/2019 11:46:00 AM

Photo 1 of 3 : UCIP_SP_2023_59880_82398.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	8.33	Rating **	M	Issue No.	28 (cont)
LM End	8.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.521660°	38.521660°
				-121.777203°	-121.777203°
DWR ID	521				

Photo 2 of 3 : UCIP_SP_2023_59880_82399.jpg



View of LS looking from levee crown

LM Start	8.33	Rating **	M	Issue No.	28 (cont)
LM End	8.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59880_82400.jpg



LS levee slope, headwall, and pipe end

LM Start	8.52	Rating **	U	Issue No.	63
LM End	8.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.523191°	38.523191°
				-121.780154°	-121.780154°
DWR ID	DWR_ST0007_01_s_2021_63				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
There is an elderberry encroaching onto the access road.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type 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 - Spring 2023

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	8.69	Rating **	M	Issue No.	30
LM End	8.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.523999°	38.523999°
				-121.783037°	-121.783037°
DWR ID	523				
Comment Code					
Inspector Comment					
DS_ID:523 FS_ID:59884 EP_NO: 10247 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record remains Non-Urgent. Pipe inlet is closed with steel plate bolted to headwall in drainage canal on LS. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 15.0 feet below the crown. Steel plate installed over inlet off the landside (LS) toe. Pipe not grouted. Flap gate on waterside (WS) end. Headwalls on both ends. (48-inch pipe [HLM 8.88] authorized under Automatic Board Order (ABO) issued as Permit No. 10247, 1974 - University of California, Office of the Regents). [Additional Reference(s): DWR Levee Log, 2005 (HLM 8.88). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 262+30 PCT), 48-inch pipe referenced. USACE As-Built Drawing No. 50-04-2396, Revision 2, pdf page 26, Sheet 10, 24-inch pipe referenced on levee alignment, December 1947]. FS Date: 10/21/2019 1:46:00 PM					
LM Start	8.69	Rating **	M	Issue No.	30 (cont)
LM End	8.69	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59884_82410.jpg



WS levee slope, headwall, and flap gate

Photo 2 of 3 : UCIP_SP_2023_59884_82411.jpg



Steel plate installed over pipe off LS toe

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Putah Creek or North Levee	Left	8.79	05/15/2023 05/15/2023	Nate Hicks

LM Start	8.69	Rating **	M	Issue No.	30 (cont)
LM End	8.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.523999°	38.523999°
				-121.783037°	-121.783037°
DWR ID	523				

Photo 3 of 3 : UCIP_SP_2023_59884_60299.jpg



LS headwall and pipe before steel plate was installed over pipe to abandon it.

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	0.55	Rating **	A/W	Issue No.	29
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			38.510249°	38.510249°
				-121.667551°	-121.667551°
DWR ID	DWR_ST0007_02_s_2013_29				
Comment Code					
AG : Access Gates					
Inspector Comment					
There is no CVFPB Permit for this gate. DWR - Sac Maintenance Yard installed this gate a few years ago. The gate and locks are operable and in good condition.					

Photo 1 of 1 : SP_2023_ST0007_283_29_20230515_00004.jpg



View looking upstream at gate across the crown (Fall 2022).

LM Start	0.82	Rating **	M	Issue No.	1	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.510700°	38.510700°	
				-121.672410°	-121.672410°	
DWR ID	16621					
Comment Code						
Inspector Comment						
DS_ID:16621 FS_ID:55424 EP_NO: 10270 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 10/22/2019 Crossing visually is in good condition. 12-inch diameter through hole has developed due to soil instability on WS berm visible on the top of pipe outlet embankment. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (36-inch pipe [HLM 0.85] authorized under Automatic Board Order (ABO) issued as Permit No. 10270, 1974 - Hamel). [Additional Reference(s): DWR Levee Log, 2005 (HLM 0.85). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station T 1+45), listed as 36-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 1, pdf page 21, Sheet 5, December 1947]. FS Date: 10/22/2019 9:59:31 AM						

Photo 1 of 3 : UCIP_SP_2023_55424_81638.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	0.82	Rating **	M	Issue No.	1 (cont)	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.510700°		38.510700°
				-121.672410°		-121.672410°
DWR ID	16621					

Photo 2 of 3 : UCIP_SP_2023_55424_81639.jpg



View of LS looking from levee crown

LM Start	0.82	Rating **	M	Issue No.	1 (cont)
LM End	0.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_55424_81640.jpg



Headwall and pipe at LS toe

LM Start	2.05	Rating **	C	Issue No.	50
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.515402°	38.515402°
				-121.694191°	-121.694191°
DWR ID	DWR_ST0007_02_f_2021_50				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Corrected.					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	2.65	Rating **	A/W	Issue No.	2	
LM End	2.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.514865°	38.514865°	
				-121.703839°	-121.703839°	
DWR ID	16625					
Comment Code						
Inspector Comment						
DS_ID:16625 FS_ID:79825 EP_NO: 10277 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 05/01/2023 Record updated from Urgent to No Action Needed. The unpermitted PVC pipe has been removed. Enforcement case 2020-15567 issued previously is now closed. (O.Yakimov - DWR UCIP) 10/21/2019 Record updated from No Action Needed to Urgent. A PVC pipe runs through a drainage pipe from LS to WS levee toe. Slide gate cannot be closed properly to prevent flooding on LS. Remove PVC pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 2.71] authorized under Automatic Board Order (ABO) issued as Permit No. 10277, 1974 - Naomi Schoeningh). [Additional Reference(s): DWR Levee Log, 2005 (HLM 2.71). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 30+15 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 23, Sheet 7, December 1947]. FS Date: 10/21/2019 11:18:53 AM						

LM Start	2.65	Rating **	A/W	Issue No.	2 (cont)
LM End	2.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_79825_81619.jpg



View of LS from levee crown

Photo 2 of 3 : UCIP_SP_2023_79825_81620.jpg



View of WS from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	2.65	Rating **	A/W	Issue No.	2 (cont)	
LM End	2.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.514865°	38.514865°	
				-121.703839°	-121.703839°	
DWR ID	16625					

Photo 3 of 3 : UCIP_SP_2023_79825_81621.jpg



Headwall and slidegate at WS toe with a PVC pipe running through

LM Start	3.04	Rating **	A/W	Issue No.	3
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515080°	38.515080°
				-121.711050°	-121.711050°
DWR ID	16626				

Photo 1 of 3 : UCIP_SP_2023_79826_81623.jpg



View of LS from levee crown

Comment Code					
Inspector Comment					
DS_ID:16626 FS_ID:79826 EP_NO: 10277 Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 05/01/2023 Record updated from Urgent to No Action Needed. The unpermitted PVC pipe has been removed. Enforcement case 2020-15567 issued previously is now closed. (O.Yakimov - DWR UCIP) 10/21/2019 Record updated from No Action Needed to Urgent. A PVC pipe runs through a drainage pipe from LS to WS levee toe. Slide gate cannot be closed properly to prevent flooding on LS. Remove PVC pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 9 feet below the crown. Slide gate on the waterside (WS) slope, and headwalls on both sides. (24-inch pipe [HLM 3.11] authorized under Automatic Board Order (ABO) issued as Permit No. 10277, 1974 - Naomi Schoeningh). [Additional Reference(s): DWR Levee Log, 2005 (HLM 3.11). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 50+72 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 23, Sheet 7, December 1947]. FS Date: 10/21/2019 1:30:39 PM					

* 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

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	3.04	Rating **	A/W	Issue No.	3 (cont)
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.515080°	38.515080°	
			-121.711050°	-121.711050°	
DWR ID	16626				

Photo 2 of 3 : UCIP_SP_2023_79826_81624.jpg



View of WS from levee crown

LM Start	3.04	Rating **	A/W	Issue No.	3 (cont)
LM End	3.04	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_79826_81625.jpg



Headwall and slidegate at WS toe with a PVC pipe running through

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	4.17	Rating **	M	Issue No.	4	
LM End	4.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.515770°	38.515770°	
				-121.731840°	-121.731840°	
DWR ID	16629					
Comment Code						
Inspector Comment						
DS_ID:16629 FS_ID:55434 EP_NO: 10269 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 10/21/2019 Pipe is partially silted, cleanup pipe. Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 4.26] authorized under Automatic Board Order (ABO) issued as Permit No. 10269, 1974 - Joseph Fahn). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.26). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 109+75 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947]. FS Date: 10/21/2019 9:16:52 AM						

LM Start	4.17	Rating **	M	Issue No.	4 (cont)
LM End	4.17	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_55434_81690.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_55434_81691.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	4.17	Rating **	M	Issue No.	4 (cont)
LM End	4.17	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.515770°	38.515770°	
			-121.731840°	-121.731840°	
DWR ID	16629				

Photo 3 of 3 : UCIP_SP_2023_55434_81688.jpg



LS slope, headwall and pipe at levee toe

LM Start	4.66	Rating **	U	Issue No.	5
LM End	4.66	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.515814°	38.515814°	
			-121.741030°	-121.741030°	
DWR ID	16644				

Comment Code

Inspector Comment

DS_ID:16644
 FS_ID:55436
 EP_NO: 10271
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS). 36-inch standpipe on the landside (LS). (24-inch pipe [HLM 4.77] authorized under Automatic Board Order (ABO) issued as Permit No. 10271, 1974 - Ray H. Hamel). [Additional Reference(s): DWR Levee Log, 2005 (HLM 4.77). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 136+40 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 24, Sheet 8, December 1947].
 FS Date: 10/21/2019 9:46:01 AM

Photo 1 of 3 : UCIP_SP_2023_55436_81697.jpg



View of LS looking from levee crown. 36-inch standpipe near levee toe

* 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	4.66	Rating **	U	Issue No.	5 (cont)	
LM End	4.66	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.515814°	38.515814°	
				-121.741030°	-121.741030°	
DWR ID	16644					

Photo 2 of 3 : UCIP_SP_2023_55436_81698.jpg



View of WS looking from levee crown

LM Start	4.66	Rating **	U	Issue No.	5 (cont)
LM End	4.66	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_55436_81699.jpg



Headwall and flap gate at WS levee toe

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.44	Rating **	M	Issue No.	6
LM End	5.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515369°	38.515369°
				-121.755247°	-121.755247°
DWR ID	16620				
Comment Code					
Inspector Comment					
DS_ID:16620 FS_ID:59897 EP_NO: 10267 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)05/22/2013 Gate has been oiled and debris removed from outlet on land side. (C. Lund - DWR Sacramento Yard) 04/06/2012 Pipe is partially filled with sediment and slide gate is in need of maintenance as it will not move. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 13 feet below the crown. Slide gate on the waterside (WS) slope. Concrete headwalls on both ends. (24-inch pipe [HLM 5.56] authorized under Automatic Board Order (ABO) issued as Permit No. 10267, 1974 - Davis Laboratories, Inc.). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.56). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 177+60 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947]. FS Date: 10/21/2019 11:46:00 AM					

LM Start	5.44	Rating **	M	Issue No.	6 (cont)
LM End	5.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59897_81707.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP_SP_2023_59897_81708.jpg



View of WS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.44	Rating **	M	Issue No.	6 (cont)
LM End	5.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.515369°	38.515369°
				-121.755247°	-121.755247°
DWR ID	16620				

Photo 3 of 3 : UCIP_SP_2023_59897_81709.jpg



WS levee slope, headwall and slide gate

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.74	Rating **	M	Issue No.	7	
LM End	5.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.516000°	38.516000°	
				-121.760500°	-121.760500°	
DWR ID	16636					
Comment Code						
Inspector Comment						
DS_ID:16636 FS_ID:77888 EP_NO: 10279 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 01/25/2022 Enforcement Case No. 2020-15562 issued earlier for unpermitted lay-flat irrigation hose has been closed. Crossing updated to Non-Urgent. (O.Yakimov - DWR UCIP) 10/21/2019 Rating updated from No Action Needed to Urgent. A 6-inch hose connected to a water well on LS runs through a drainage pipe from LS to WS. Slide gate cannot be closed properly to prevent flooding on LS. Remove hose. (O.Yakimov - DWR UCIP)05/22/2013 Pipe was cleaned by the owner and 6 in pipe is still being used. (C. Lund - DWR Sacramento Yard) 04/05/2012 Pipe needs to be cleared of sedimentation. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on landside (LS) end. (name change for existing 24-inch drainpipe and slide gate on WS [HLM 5.89] issued under Permit No. 10279-1, 2012 - Elizabeth Dankworth and Michelle Christison; 24-inch pipe [HLM 5.89] authorized under Automatic Board Order (ABO) issued as Permit No. 10279, 1974 - Carmelita Watkins). [Additional Reference(s): DWR Levee Log, 2005 (HLM 5.89). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 193+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947]. FS Date: 10/21/2019 3:27:53 PM						

Photo 1 of 3 : UCIP_SP_2023_77888_81628.jpg



View of WS from levee 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.74	Rating **	M	Issue No.	7 (cont)
LM End	5.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516000°	38.516000°
				-121.760500°	-121.760500°
DWR ID	16636				

Photo 2 of 3 : UCIP_SP_2023_77888_81629.jpg



View of LS from levee crown

LM Start	5.74	Rating **	M	Issue No.	7 (cont)
LM End	5.74	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_77888_81630.jpg



WS slope with headwall and slide gate

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.82	Rating **	M	Issue No.	8
LM End	5.82	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.516110°	38.516110°	
			-121.761920°	-121.761920°	
DWR ID	16657				
Comment Code					
Inspector Comment					
DS_ID:16657 FS_ID:55442 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 10/21/2019 Rating updated from No Action Needed to Non-Urgent. Also, no permit has been issued for this pipe through the period of historical records. Crossing not found. DMP geophysics didn't confirm evidence of pipe through levee at this location. (O.Yakimov - DWR UCIP)04/05/2012 No indication in field that pipe remains. May need electromagnetic survey to locate pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, at an unknown depth. Two corrugated metal cutoff walls, one reinforced concrete headwall, and one saddle and apron with cobble paving on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 197+60 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947]. FS Date: 10/21/2019 1:31:42 PM					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.84	Rating **	M	Issue No.	9	
LM End	5.84	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.516290°	38.516290°	
				-121.762280°	-121.762280°	
DWR ID	16639					
Comment Code						
Inspector Comment						
DS_ID:16639 FS_ID:59903 EP_NO: 10278 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)07/12/2019 After reviewing the USACE O&M manual as-builts there is no reference to this 24-inch pipe. Will need to coordinate with previous UCIP inspector to determine if additional information is available to tie pipe to USACE O&M manual. (O. Magana - DWR UCIP) 05/22/2013 All material was removed. (C. Lund - DWR Sacramento Yard) 04/05/2012 Flap gate blocked by minor amounts of sedimentation. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on waterside (WS) end. Headwall on the landside (LS). (24-inch pipe [HLM 5.99] authorized under Automatic Board Order (ABO) issued as Permit No. 10278, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2005, (HLM 5.99). USACE Sacramento O&M Manual 119, December 1952]. FS Date: 10/21/2019 1:46:00 PM						

LM Start	5.84	Rating **	M	Issue No.	9 (cont)
LM End	5.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2023_59903_81718.jpg



Headwall and flap gate

Photo 2 of 3 : UCIP_SP_2023_59903_81719.jpg



View of WS slope and flap gate at levee toe

* 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	5.84	Rating **	M	Issue No.	9 (cont)
LM End	5.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516290°	38.516290°
				-121.762280°	-121.762280°
DWR ID	16639				

Photo 3 of 3 : UCIP_SP_2023_59903_81720.jpg



LS levee slope, headwall and pipe

LM Start	6.02	Rating **	M	Issue No.	10
LM End	6.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516658°	38.516658°
				-121.765572°	-121.765572°
DWR ID	16641				

Comment Code

Inspector Comment

DS_ID:16641
 FS_ID:59905
 EP_NO: 10265
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 10/21/2019 Record updated from No Action Needed to Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)04/05/2012 Pipe has some sedimentation buildup internally. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. (24-inch pipe [HLM 6.19] authorized under Automatic Board Order (ABO) issued as Permit No. 10265, 1974 - State of California, Division of Highways. Also included in Automatic Board Order (ABO) issued as Permit No. 11296, 1974 - Capitol National Bank of Sacramento and Crocker Citizens National Bank). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.19). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 208+00 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 4, pdf page 25, Sheet 9, December 1947].
 FS Date: 10/21/2019 2:08:00 PM

Photo 1 of 3 : UCIP_SP_2023_59905_81724.jpg



View of LS looking from levee 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	

**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.02	Rating **	M	Issue No.	10 (cont)
LM End	6.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.516658°	38.516658°
				-121.765572°	-121.765572°
DWR ID	16641				

Photo 2 of 3 : UCIP_SP_2023_59905_81725.jpg



View of WS looking from levee crown

LM Start	6.02	Rating **	M	Issue No.	10 (cont)
LM End	6.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59905_81726.jpg



WS levee slope, headwall, and slide gate

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.34	Rating **	M	Issue No.	12
LM End	6.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517199°	38.517199°
				-121.771262°	-121.771262°
DWR ID	16642				
Comment Code					
Inspector Comment					
DS_ID:16642 FS_ID:59906 EP_NO: 10265 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record remains Non-Urgent. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)07/12/2019 After reviewing the USACE O&M manual as-builts there is no reference to this 30-inch pipe. Will need to coordinate with previous UCIP inspector to determine if additional information is available to tie pipe to USACE O&M manual. (O. Magana - DWR UCIP) 04/10/2019 There is no more debris around pipe. And is now sprayed and maintained. (J. McCabe - DWR Sacramento Yard) 04/01/2019 Debris buildup at WS outlet. (J. McCabe - DWR Sacramento Yard) FIELD_STRUCT_DESC: 30-inch CIPP-lined drainage pipe of an unknown material through the levee, 17 feet below the crown. Headwall and slide gate on the landside (LS) end. Flap gate on the waterside (WS) end, 120 feet to the north of the crossing. (36-inch pipe [HLM 6.50] authorized under Automatic Board Order (ABO) issued as Permit No. 10265, 1974 - State of California, Division of Highways. Also included in Automatic Board Order (ABO) issued as Permit No. 11296, 1974 - Capitol National Bank of Sacramento and Crocker Citizens National Bank). [Additional Reference(s): DWR Levee Log, 2005, (HLM 6.50), 36-inch pipe listed. USACE Sacramento O&M Manual 119, December 1952]. FS Date: 10/21/2019 2:11:00 PM					

Photo 1 of 3 : UCIP_SP_2023_59906_81729.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.34	Rating **	M	Issue No.	12 (cont)
LM End	6.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.517199°	38.517199°
				-121.771262°	-121.771262°
DWR ID	16642				

Photo 2 of 3 : UCIP_SP_2023_59906_81730.jpg



LS slope, headwall, and slide gate

LM Start	6.34	Rating **	M	Issue No.	12 (cont)
LM End	6.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59906_81731.jpg



Pipe end on WS

LM Start	6.51	Rating **	U	Issue No.	39
LM End	6.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.518339°	38.518339°
				-121.774069°	-121.774069°
DWR ID	DWR_ST0007_02_s_2020_39				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.64	Rating **	C	Issue No.	40
LM End	6.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.519410°	38.519410°
				-121.776081°	-121.776081°
DWR ID	DWR_ST0007_02_f_2021_40				
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					
Corrected.					

No Photos

LM Start	6.65	Rating **	M	Issue No.	14
LM End	6.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519470°	38.519470°
				-121.776150°	-121.776150°
DWR ID	16633				
Comment Code					
Inspector Comment					
DS_ID:16633 FS_ID:59908 EP_NO: 10276 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 10/21/2019 Record remains Non-Urgent. Minor sediment buildup at slide gate. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)05/22/2013 Will contact owner of pipe and ask to clean for inspection. (C. Lund - DWR Sacramento Yard) 04/05/2012 Pipe heavily clogged with soil. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined drainage pipe of an unknown material through the levee, 6 feet below the crown. Slide gate on the waterside (WS) end, and headwalls on both ends. (24-inch pipe [HLM 6.83] authorized under Automatic Board Order (ABO) issued as Permit No. 10276, 1974 - Patricia Schlabes). [Additional Reference(s): DWR Levee Log, 2005 (HLM 6.83). USACE Sacramento O&M Manual, Unit 119, December 1952, Revised 29 Dec 2016, (Station 237+50 PCT), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2396, Revision 2, pdf page 26, Sheet 10, December 1947]. FS Date: 10/21/2019 2:32:00 PM					

Photo 1 of 3 : UCIP_SP_2023_59908_81739.jpg



View of LS looking from levee crown

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	6.65	Rating **	M	Issue No.	14 (cont)
LM End	6.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.519470°	38.519470°
				-121.776150°	-121.776150°
DWR ID	16633				

Photo 2 of 3 : UCIP_SP_2023_59908_81740.jpg



View of WS looking from levee crown

LM Start	6.65	Rating **	M	Issue No.	14 (cont)
LM End	6.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2023_59908_81741.jpg



WS levee slope, headwall, and slide gate

LM Start	6.87	Rating **	U	Issue No.	46
LM End	6.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.521253°	38.521547°
				-121.779481°	-121.780033°
DWR ID	DWR_ST0007_02_s_2017_46				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Stalks less than 1 inch in diameter can be trimmed and thinned.					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Sacramento Maintenance Yard Putah Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Putah Creek or South Levee	Right	7.20	05/15/2023 05/15/2023	Nate Hicks

LM Start	7.00	Rating **	U	Issue No.	47
LM End	7.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522328°	38.522393°
				-121.781447°	-121.781663°
DWR ID	DWR_ST0007_02_s_2017_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
These elderberries are blocking view of levee section and blocking access to a portion of the shoulder waterward. Some of these stalks are less than 1.0 inch and could be thinned out.					

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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