

**Flood Control Project Maintenance
Levee Inspections**

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

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2023_2				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The LMA has a written emergency plan and participated in flood fight training in November 2023.					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0001_01_s_2013_24				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has flood fight supplies stored at various locations throughout the district.					

No Photos

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0001_01_f_2019_25				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The LMA has a copy of the O&M Manual available at the office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.54	Rating **	C	Issue No.	82
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623573°	38.623573°
				-121.459281°	-121.459281°
DWR ID	DWR_NA0001_01_s _ 2020_82				
Comment Code					
CA : Campers					
Inspector Comment					

No Photos

LM Start	0.62	Rating **	C	Issue No.	85
LM End	0.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.623684°	38.623684°
				-121.457936°	-121.457936°
DWR ID	DWR_NA0001_01_s _ 2022_85				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
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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Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.23	Rating **	M	Issue No.	184	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.625182°	38.625182°	
				-121.447154°	-121.447154°	
DWR ID	24250					
Comment Code						
Inspector Comment						
DS_ID:24250 FS_ID:69020 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/16/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection. Geophysical evaluation found a potential pipe at this location. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 15-inch corrugated metal (CM) drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.23). USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, (Station A 64+15)]. FS Date: 6/16/2020						

Photo 1 of 3 : UCIP_FA_2023_69020_85540.jpg



Overview of levee crown looking u/s.

LM Start	1.23	Rating **	M	Issue No.	184 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2023_69020_85541.jpg



Overview of LS levee slope looking u/s.

* 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	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.23	Rating **	M	Issue No.	184 (cont)
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.625182°	38.625182°
				-121.447154°	-121.447154°
DWR ID	24250				

Photo 3 of 3 : UCIP_FA_2023_69020_85542.jpg



Overview of WS levee slope looking u/s.

LM Start	1.30	Rating **	M	Issue No.	185
LM End	1.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.625628°	38.625628°
				-121.445995°	-121.445995°
DWR ID	24575				

Comment Code

Inspector Comment

DS_ID:24575
 FS_ID:69395
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 06/16/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there is no permit for this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 2: 12-inch corrugated metal (CM) drainage pipe through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.30). USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, (Station A 68+40)].
 FS Date: 6/16/2020

Photo 1 of 3 : UCIP_FA_2023_69395_85368.jpg



Overview of levee crown looking d/s.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.30	Rating **	M	Issue No.	185 (cont)
LM End	1.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.625628°	38.625628°
				-121.445995°	-121.445995°
DWR ID	24575				

Photo 2 of 3 : UCIP_FA_2023_69395_85369.jpg



Overview of LS levee slope looking d/s.

LM Start	1.30	Rating **	M	Issue No.	185 (cont)
LM End	1.30	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_69395_85370.jpg



Overview of WS levee slope looking d/s.

LM Start	1.34	Rating **	N	Issue No.	94
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625935°	38.625935°
				-121.445364°	-121.445364°
DWR ID	DWR_NA0001_01_f_2021_94				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove 24" stump.					

Photo 1 of 1 : FA_2023_NA0001_51_94_20230905_00056.jpg



Stump on the LS toe. Fall 2021

* 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 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.41	Rating **	N	Issue No.	72
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626253°	38.626253°
				-121.444165°	-121.444165°
DWR ID	DWR_NA0001_01_f_2015_72				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2023_NA0001_51_72_20230905_00044.jpg



Stumps on the LS toe. Fall 2021

LM Start	1.50	Rating **	A/W	Issue No.	92
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627147°	38.627147°
				-121.442789°	-121.442789°
DWR ID	DWR_NA0001_01_f_2021_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrows have been backfilled. Monitor for repopulation.					

No Photos

LM Start	1.55	Rating **	A/W	Issue No.	91
LM End	1.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627302°	38.627302°
				-121.442074°	-121.442074°
DWR ID	DWR_NA0001_01_f_2021_91				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Holes have been backfilled. Monitor site for rehabilitation.					

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 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.57	Rating **	A/W	Issue No.	90
LM End	1.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.627264°	38.627264°
				-121.441585°	-121.441585°
DWR ID	DWR_NA0001_01_f_2021_90				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath for further erosion.					

Photo 1 of 1 : FA_2023_NA0001_51_90_20230905_00055.jpg



Footpath on the LS slope. Fall 2021

LM Start	1.69	Rating **	N	Issue No.	74
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627607°	38.627607°
				-121.439545°	-121.439545°
DWR ID	DWR_NA0001_01_s_2017_74				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove large tree stump at the levee toe.					

Photo 1 of 1 : FA_2023_NA0001_51_74_20230905_00046.jpg



Large stump at the landside toe. Spring 2022

LM Start	1.71	Rating **	C	Issue No.	19
LM End	1.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.627700°	38.627700°
				-121.439200°	-121.439200°
DWR ID	DWR_NA0001_01_f_2023_19				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.76	Rating **	C	Issue No.	89
LM End	1.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			38.627915°	38.627915°
				-121.438226°	-121.438226°
DWR ID	DWR_NA0001_01_f_2021_89				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Rutting has been repaired.					

No Photos

LM Start	1.81	Rating **	A/W	Issue No.	68
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.627956°	38.627956°
				-121.437459°	-121.437459°
DWR ID	DWR_NA0001_01_f_2022_68				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor rodent activity.					

No Photos

LM Start	1.86	Rating **	M	Issue No.	17
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.627900°	38.627900°
				-121.436400°	-121.436400°
DWR ID	DWR_NA0001_01_f_2023_17				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair steps on the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_51_17_20230920_00071.jpg



Steps on the LS slope. Fall 2023

* 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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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.08	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.96	Rating **	C	Issue No.	86
LM End	1.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.627556°	38.627556°
				-121.434766°	-121.434766°
DWR ID	DWR_NA0001_01_f_2021_86				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpaths have been repaired.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.01	Rating **	M	Issue No.	4
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			38.615500°	38.615500°
				-121.466900°	-121.466900°
DWR ID	DWR_NA0001_02_f_2023_4				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					
Repair rilling on lower half of LS slope.					

Photo 1 of 1 : FA_2023_NA0001_52_4_20230920_00010.jpg



Rilling on the LS slope. Fall 2023

LM Start	2.02	Rating **	M	Issue No.	3
LM End	2.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.630000°	38.630000°
				-121.469700°	-121.469700°
DWR ID	DWR_NA0001_02_f_2023_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair rodent holes on the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_52_3_20230920_00011.jpg



Rodent holes on the LS slope. Fall 2023

LM Start	2.14	Rating **	C	Issue No.	1
LM End	2.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.631722°	38.631722°
				-121.470047°	-121.470047°
DWR ID	DWR_NA0001_02_s_2023_1				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Void has been backfilled and compacted.					

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. 02 Natomas E Canal	Left	3.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	2.78	Rating **	M	Issue No.	31
LM End	2.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.640828°	38.640828°
				-121.471778°	-121.471778°
DWR ID	DWR_NA0001_02_s_2020_31				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair the steps dug into the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_52_31_20230905_00006.jpg



Steps on the landside slope. Spring 2022

LM Start	3.10	Rating **	C	Issue No.	30
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.645463°	38.645463°
				-121.472667°	-121.472667°
DWR ID	DWR_NA0001_02_s_2020_30				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Steps have been repaired.					

No Photos

LM Start	3.69	Rating **	M	Issue No.	28
LM End	3.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.653880°	38.653880°
				-121.474253°	-121.474253°
DWR ID	DWR_NA0001_02_s_2020_28				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair steps dug into the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_52_28_20230905_00004.jpg



Steps dug in the landside slope. Spring 2022

* 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. 02 Natomas E Canal	Left	3.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	3.79	Rating **	M	Issue No.	2
LM End	3.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.655400°	38.655400°
				-121.474600°	-121.474600°
DWR ID	DWR_NA0001_02_f_2023_2				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair steps in the WS slope.					

Photo 1 of 1 : FA_2023_NA0001_52_2_20230920_00012.jpg



Steps in the WS slope. Fall 2023

* 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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American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.86	Rating **	M	Issue No.	47	
LM End	0.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.589607°	38.589607°	
				-121.432970°	-121.432970°	
DWR ID	24488					
Comment Code						
Inspector Comment						
DS_ID:24488 FS_ID:69078 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/03/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, at an unknown depth. Pump located on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual Unit 118, Part No. 2, October 1959, (Station 87+73). USACE As-Built File No. 1-4-392, Sheet No. 392/3, December 1954]. FS Date: 6/3/2020						

LM Start	0.86	Rating **	M	Issue No.	47 (cont)
LM End	0.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69078_84660.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2023_69078_84661.jpg



Overview of LS levee slope looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.86	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.86	Rating **	M	Issue No.	47 (cont)
LM End	0.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.589607°	38.589607°
				-121.432970°	-121.432970°
DWR ID	24488				

Photo 3 of 3 : UCIP_FA_2023_69078_84662.jpg



Overview of WS levee slope looking d/s.

LM Start	2.35	Rating **	M	Issue No.	40
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.595869°	38.595869°
				-121.457801°	-121.457801°
DWR ID	DWR_NA0001_03_s_2022_40				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair pothole in the asphalt at the LS toe. The hole was probed to be 6"-8"					

Photo 1 of 1 : FA_2023_NA0001_490_40_20230905_00002.jpg



Erosion/pothole on the LS toe. Spring 2023

LM Start	3.19	Rating **	M	Issue No.	26
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.599442°	38.599442°
				-121.470435°	-121.470435°
DWR ID	DWR_NA0001_03_s_2020_26				
Comment Code					
DE : Debris					
Inspector Comment					
Known debris dumping site. Monitor the site and remove debris as necessary.					

Photo 1 of 1 : FA_2023_NA0001_490_26_20230920_00008.jpg



Debris pile near the landside easement. Fall 2023

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	0.09	Rating **	C	Issue No.	69
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.597600°	38.597600°
				-121.506200°	-121.506200°
DWR ID	DWR_NA0001_04_f_2023_69				
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					
Woody vegetation has been removed.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	0.40	Rating **	M	Issue No.	384
LM End	0.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.600436°	38.600436°
				-121.502058°	-121.502058°
DWR ID	24303				
Comment Code					
Inspector Comment					
DS_ID:24303 FS_ID:69301 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 06/25/2020 Crossing evaluated as "Non-Urgent" because pipe looks abandoned and there was no permit found authorizing this pipe. Geophysical evaluation found evidence of a pipe at this location. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana) 12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 42-inch corrugated metal (CM) drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate inside a CM riser and splash board drain structure on the landside (LS). (No permit found authorizing this structure. Owner unknown). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.44). USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 10+00). USACE As-Built Drawing No. 50-10-2792, Sheet 2792/1, (Station 10+00), March 1951]. FS Date: 6/25/2020					

Photo 1 of 3 : UCIP_FA_2023_69301_57212.jpg



Overview of crossing location.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	0.40	Rating **	M	Issue No.	384 (cont)	
LM End	0.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.600436°	38.600436°	
				-121.502058°	-121.502058°	
DWR ID	24303					

Photo 2 of 3 : UCIP_FA_2023_69301_57209.jpg



View of levee crown at this location.

LM Start	0.40	Rating **	M	Issue No.	384 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_69301_57210.jpg



View of waterward side--standpipe located on waterward slope.
Standpipe filled with concrete.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	1.49	Rating **	A/W	Issue No.	184
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.599878°	38.598791°
				-121.482483°	-121.479799°
DWR ID	DWR_NA0001_04_s_2022_184				
Comment Code					
Inspector Comment					
2018 Site ID: LAR 1.8 L					
Status: Eroding					
2018 Field Notes: Still covered in homeless camps, inspection difficult but increased damage from people.					
Site History: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2017 - Site littered with homeless camps. Hard to survey. Site extended downstream.					

No Photos

LM Start	1.53	Rating **	C	Issue No.	45
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.599395°	38.599395°
				-121.481862°	-121.481862°
DWR ID	DWR_NA0001_04_s_2023_45				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Void has been filled.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	4.21	Rating **	M	Issue No.	56
LM End	4.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.583362°	38.583362°
				-121.443100°	-121.443100°
DWR ID	DWR_NA0001_04_s_2023_56				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair footpath on the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_55_56_20230905_00045.jpg



Footpath on the LS slope. Spring 2023

LM Start	4.29	Rating **	C	Issue No.	283
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.582640°	38.582640°
				-121.442064°	-121.442064°
DWR ID	DWR_NA0001_04_f_2018_283				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

No Photos

LM Start	4.65	Rating **	C	Issue No.	333
LM End	4.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.580961°	38.580961°
				-121.435765°	-121.435765°
DWR ID	DWR_NA0001_04_s_2021_333				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	4.74	Rating **	M	Issue No.	387
LM End	4.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.580753°	38.580753°
				-121.434247°	-121.434247°
DWR ID	24496				
Comment Code					
Inspector Comment					
DS_ID:24496 FS_ID:69220 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/25/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, at an unknown depth. Flap gate on the waterside (WS) end. (No permit found authorizing this pipe. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 265+07). USACE As-Built Drawing No. 1-4-362, Sheet 362/2, (Station 265+07), December 1947]. FS Date: 6/25/2020					

LM Start	4.74	Rating **	M	Issue No.	387 (cont)
LM End	4.74	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69220_86227.jpg



Overview of levee crown looking u/s.

Photo 2 of 3 : UCIP_FA_2023_69220_86228.jpg



Overview of LS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	4.74	Rating **	M	Issue No.	387 (cont)
LM End	4.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.580753°	38.580753°
				-121.434247°	-121.434247°
DWR ID	24496				

Photo 3 of 3 : UCIP_FA_2023_69220_86229.jpg



Overview of WS levee slope looking u/s.

LM Start	5.20	Rating **	C	Issue No.	60
LM End	5.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.580368°	38.580368°
				-121.425952°	-121.425952°
DWR ID	DWR_NA0001_04_s_2023_60				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					
Voids have been repaired.					

No Photos

LM Start	5.39	Rating **	C	Issue No.	67
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.578300°	38.578300°
				-121.423800°	-121.423800°
DWR ID	DWR_NA0001_04_f_2023_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	5.99	Rating **	M	Issue No.	296
LM End	5.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569786°	38.569786°
				-121.424224°	-121.424224°
DWR ID	DWR_NA0001_04_s_2021_296				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	6.34	Rating **	C	Issue No.	270
LM End	6.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.564833°	38.564833°
				-121.422947°	-121.422947°
DWR ID	DWR_NA0001_04_f_2018_270				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

No Photos

LM Start	6.45	Rating **	C	Issue No.	288
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.563243°	38.563243°
				-121.422423°	-121.422423°
DWR ID	DWR_NA0001_04_s_2019_288				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	6.53	Rating **	M	Issue No.	389
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24497				
Comment Code					
Inspector Comment					
DS_ID:24497 FS_ID:69231 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/30/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 1 of 3: 18-inch corrugated metal (CM) drainage pipe through the levee, at an unknown depth. Flap gate on the waterside (WS) end. (No permit found authorizing this pipe. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 367+40). USACE As-Built Drawing No. 1-4-362, Sheet 362/3, (Station 367+40), December 1947]. FS Date: 6/30/2020					

LM Start	6.53	Rating **	M	Issue No.	389 (cont)
LM End	6.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69231_86287.jpg



Overview of levee crown looking u/s.

Photo 2 of 3 : UCIP_FA_2023_69231_86288.jpg



Overview of WS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	6.53	Rating **	M	Issue No.	389 (cont)
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24497				

Photo 3 of 3 : UCIP_FA_2023_69231_86289.jpg



Overview of LS levee slope looking u/s.

LM Start	6.53	Rating **	M	Issue No.	390
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24585				

Comment Code

Inspector Comment

DS_ID:24585
 FS_ID:69232
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 06/30/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 3: 18-inch corrugated metal (CM) drainage pipe through the levee, at an unknown depth. Flap gate on the waterside (WS) end. (No permit found authorizing this pipe. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 367+40). USACE As-Built Drawing No. 1-4-362, Sheet 362/3, (Station 367+40), December 1947].
 FS Date: 6/30/2020

Photo 1 of 3 : UCIP_FA_2023_69232_86290.jpg



Overview of levee crown looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	6.53	Rating **	M	Issue No.	390 (cont)
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24585				

Photo 2 of 3 : UCIP_FA_2023_69232_86291.jpg



Overview of WS levee slope looking u/s.

LM Start	6.53	Rating **	M	Issue No.	390 (cont)
LM End	6.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_69232_86292.jpg



Overview of LS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	6.53	Rating **	M	Issue No.	391
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24586				
Comment Code					
Inspector Comment					
DS_ID:24586 FS_ID:69233 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/30/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 3 of 3: 18-inch corrugated metal (CM) drainage pipe through the levee, at an unknown depth. Flap gate on the waterside (WS) end. (No permit found authorizing this pipe. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 367+40). USACE As-Built Drawing No. 1-4-362, Sheet 362/3, (Station 367+40), December 1947]. FS Date: 6/30/2020					

Photo 1 of 3 : UCIP_FA_2023_69233_86293.jpg



Overview of levee crown looking u/s.

LM Start	6.53	Rating **	M	Issue No.	391 (cont)
LM End	6.53	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2023_69233_86294.jpg



Overview of WS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	6.53	Rating **	M	Issue No.	391 (cont)
LM End	6.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562207°	38.562207°
				-121.421802°	-121.421802°
DWR ID	24586				

Photo 3 of 3 : UCIP_FA_2023_69233_86295.jpg



Overview of LS levee slope looking u/s.

LM Start	6.65	Rating **	C	Issue No.	33
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.560800°	38.560800°
				-121.420600°	-121.420600°
DWR ID	DWR_NA0001_04_f_2023_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.71	Rating **	C	Issue No.	383
LM End	6.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.560383°	38.560383°
				-121.419502°	-121.419502°
DWR ID	DWR_NA0001_04_f_2023_383				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	7.58	Rating **	C	Issue No.	277
LM End	7.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559023°	38.559023°
				-121.404828°	-121.404828°
DWR ID	DWR_NA0001_04_f_2022_277				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	8.34	Rating **	C	Issue No.	315
LM End	8.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.562653°	38.562653°
				-121.391675°	-121.391675°
DWR ID	DWR_NA0001_04_f_2021_315				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Slope has been repaired.					

No Photos

LM Start	8.73	Rating **	A/W	Issue No.	379
LM End	8.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.564545°	38.564545°
				-121.384898°	-121.384898°
DWR ID	DWR_NA0001_04_f_2020_379				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor for rodent rehabilitation.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	8.95	Rating **	A/W	Issue No.	252
LM End	8.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.565696°	38.565696°
				-121.381141°	-121.381141°
DWR ID	DWR_NA0001_04_f_2018_252				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath for further erosion.					

Photo 1 of 1 : FA_2023_NA0001_55_252_20230905_00190.jpg



Footpath on the landside slope. Spring 2022

LM Start	9.32	Rating **	A/W	Issue No.	314
LM End	9.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.566702°	38.566702°
				-121.374621°	-121.374621°
DWR ID	DWR_NA0001_04_s_2023_314				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor site for active burrowing.					

No Photos

LM Start	9.52	Rating **	N	Issue No.	320
LM End	9.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567088°	38.567088°
				-121.370950°	-121.370950°
DWR ID	DWR_NA0001_04_s_2022_320				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove stumps from landside toe.					

Photo 1 of 1 : FA_2023_NA0001_55_320_20230905_00237.jpg



Stumps at the landside toe. Spring 2022

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	10.09	Rating **	C	Issue No.	141
LM End	10.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.569336°	38.569336°
				-121.360802°	-121.360802°
DWR ID	DWR_NA0001_04_s_2021_141				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpaths have been repaired.					

No Photos

LM Start	10.23	Rating **	C	Issue No.	311
LM End	10.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.569960°	38.569960°
				-121.358296°	-121.358296°
DWR ID	DWR_NA0001_04_f_2021_311				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

No Photos

LM Start	10.38	Rating **	C	Issue No.	275
LM End	10.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.570424°	38.570424°
				-121.355668°	-121.355668°
DWR ID	DWR_NA0001_04_f_2022_275				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.86	09/18/2023 09/18/2023	Marvin Marshall

LM Start	10.42	Rating **	A/W	Issue No.	329
LM End	10.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.570513°	38.570513°
				-121.354934°	-121.354934°
DWR ID	DWR_NA0001_04_f_2021_329				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor two footpaths for erosion.					

Photo 1 of 1 : FA_2023_NA0001_55_329_20230905_00244.jpg



View of the footpaths going down the LS levee slope. Spring 2021.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.41	09/18/2023 09/18/2023	Marvin Marshall

LM Start		Rating **		Issue No.	
LM End		Issue Type +	--	Location *	
Category			GPS Latitude/Longitude		
			Start		End
Item				°	
				°	
DWR ID					
Comment Code					
Inspector Comment					
No issues were reported.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.02	Rating **	M	Issue No.	17
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.657400°	38.657400°
				-121.474455°	-121.474455°
DWR ID	24092				
Comment Code					
Inspector Comment					
DS_ID:24092 FS_ID:68568 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 06/18/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Geophysical evaluation found evidence of a pipe at this location. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 22.7 feet below the crown. Two CM cutoff walls around the pipe. Slide gate inside a 30-inch CM riser and flap gate are located on the waterside (WS) end. Concrete headwall on each end, WS and landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.02). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station 396+65). USACE As-Built Drawing No. 1-4-392, Sheet 392/8, (Station 396+65), December 1954]. FS Date: 6/18/2020					

LM Start	0.02	Rating **	M	Issue No.	17 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_68568_85769.jpg



Overview of levee crown looking u/s.

Photo 2 of 3 : UCIP_FA_2023_68568_85770.jpg



Overview of LS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.02	Rating **	M	Issue No.	17 (cont)
LM End	0.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.657400°	38.657400°
				-121.474455°	-121.474455°
DWR ID	24092				

Photo 3 of 3 : UCIP_FA_2023_68568_85771.jpg



Overview of WS levee slope looking u/s.

LM Start	0.71	Rating **	M	Issue No.	15
LM End	0.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.660280°	38.660280°
				-121.462452°	-121.462452°
DWR ID	DWR_NA0001_06_s_2021_15				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair footpath on the LS slope.					

Photo 1 of 1 : FA_2023_NA0001_57_15_20230920_00013.jpg



A footpath is located on the landside slope. Fall 2023

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.84	Rating **	M	Issue No.	18	
LM End	0.84	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.661156°	38.661156°	
				-121.460475°	-121.460475°	
DWR ID	24354					
Comment Code						
Inspector Comment						
DS_ID:24354 FS_ID:68578 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 06/18/2020 Crossing evaluated as "Non-Urgent" because there was no permit found for this pipe. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing was not identified, ARFCD Staff Notes indicate old pipe between Kelton and Sully (not found). (DWR UCIP - O. Magana) 12/20/2013 Unable to find CM riser and flap gate on waterward end-- need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 12.5 feet below the crown. Two CM cutoff walls around the pipe. Slide gate inside a CM riser and flap gate on the waterside (WS) end. Concrete headwall on each end, WS and landside (LS). (No permit found authorizing this structure. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station 440+50). USACE As-Built Drawing No. 1-4-392, Sheet 392/9, (Station 440+50), December 1954]. FS Date: 6/18/2020						

Photo 1 of 3 : UCIP_FA_2023_68578_85830.jpg



Overview of levee crown looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.84	Rating **	M	Issue No.	18 (cont)
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.661156°	38.661156°
				-121.460475°	-121.460475°
DWR ID	24354				

Photo 2 of 3 : UCIP_FA_2023_68578_85832.jpg



Overview of LS levee slope looking u/s.

LM Start	0.84	Rating **	M	Issue No.	18 (cont)
LM End	0.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_68578_85831.jpg



Overview of WS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.07	Rating **	M	Issue No.	19	
LM End	1.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.662354°	38.662354°	
				-121.456642°	-121.456642°	
DWR ID	24350					
Comment Code						
Inspector Comment						
DS_ID:24350 FS_ID:71915 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 06/18/2020 Crossing evaluated as "Non-Urgent" because pipe was not found during inspection and there was no permit found for this crossing. Geophysical evaluation found a potential pipe at this location. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, at an unknown depth. Flap gate and riser on the waterside (WS). Slide gate Vault No. 2 on the WS shoulder. (No permit found authorizing this structure. Owner unknown). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station 14+00). USACE As-Built Drawing No. 1-4-392, Sheet 392/9, (Station 14+00), December 1954]. FS Date: 6/18/2020						

LM Start	1.07	Rating **	M	Issue No.	19 (cont)
LM End	1.07	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_71915_85837.jpg



Overview of levee crown looking u/s.

Photo 2 of 3 : UCIP_FA_2023_71915_85838.jpg



Overview of WS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.07	Rating **	M	Issue No.	19 (cont)
LM End	1.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.662354°	38.662354°
				-121.456642°	-121.456642°
DWR ID	24350				

Photo 3 of 3 : UCIP_FA_2023_71915_85839.jpg



Overview of LS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Left	1.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	0.63	Rating **	M	Issue No.	65
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.625305°	38.625305°
				-121.458374°	-121.458374°
DWR ID	DWR_NA0001_07_s_2021_65				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2023_NA0001_58_65_20230905_00038.jpg



Footpath on the landside slope. Spring 2022

LM Start	0.76	Rating **	M	Issue No.	50
LM End	0.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.624848°	38.624848°
				-121.456102°	-121.456102°
DWR ID	DWR_NA0001_07_s_2020_50				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair steps dug into the waterside slope.					

Photo 1 of 1 : FA_2023_NA0001_58_50_20230905_00034.jpg



Steps dug into the waterside slope. Spring 2022

LM Start	0.82	Rating **	C	Issue No.	19
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.625000°	38.625000°
				-121.455100°	-121.455100°
DWR ID	DWR_NA0001_07_f_2023_19				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Left	1.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.33	Rating **	A/W	Issue No.	69	
LM End	1.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.626321°	38.626321°	
				-121.445964°	-121.445964°	
DWR ID	24370					
Comment Code						
Inspector Comment						
DS_ID:24370 FS_ID:69448 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11.0 feet below the crown. Slide gate inside a CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwall on each end, WS and landside (LS). (No permit found authorizing this structure. Structure is owned by the City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.31). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 70+09). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 70+09), December 1954]. FS Date: 6/18/2020						

LM Start	1.33	Rating **	A/W	Issue No.	69 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69448_85701.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2023_69448_85702.jpg



Overview of LS levee slope looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Left	1.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.33	Rating **	A/W	Issue No.	69 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.626321°	38.626321°
				-121.445964°	-121.445964°
DWR ID	24370				

Photo 3 of 3 : UCIP_FA_2023_69448_85703.jpg



Overview of WS levee slope looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Left	1.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.47	Rating **	A/W	Issue No.	70
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.627201°	38.627201°
				-121.443790°	-121.443790°
DWR ID	24371				

Comment Code

Inspector Comment

DS_ID:24371
FS_ID:71925
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 03/08/2022 According to permit records for 12886, "old pipe removed. Concrete pipe in placed and backfilled part of it." Conflicting information makes it difficult to determine the fate of the 24-inch pipe (extent of work completed under permit). (A. McDonald - DWR UCIP)06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana) 06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch reinforced concrete (RC) drainage pipe through the levee, 9.3 feet below the crown. Concrete headwall on each end, waterside (WS) and landside (LS). Slide gate inside a corrugated metal pipe (CMP) riser unit on the WS slope. Flap gate on the WS end. (Removal of old pipe and replacement with a 30-inch pipe authorized under Permit No. 12886, 1980 - City of Sacramento. Removal and replacement of an existing 24-inch RC pipe authorized under Permit No. 19129, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.45). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 77+12). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 77+12), December 1954].
FS Date: 6/18/2020

Photo 1 of 3 : UCIP_FA_2023_71925_85706.jpg



Overview of levee crown looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Left	1.93	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.47	Rating **	A/W	Issue No.	70 (cont)
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.627201°	38.627201°
				-121.443790°	-121.443790°
DWR ID	24371				

Photo 2 of 3 : UCIP_FA_2023_71925_85707.jpg



Overview of LS levee slope looking u/s.

LM Start	1.47	Rating **	A/W	Issue No.	70 (cont)
LM End	1.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_71925_85708.jpg



Overview of WS levee slope looking u/s.

LM Start	1.67	Rating **	C	Issue No.	20
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.627700°	38.627700°
				-121.440200°	-121.440200°
DWR ID	DWR_NA0001_07_f_2023_20				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.30	Rating **	C	Issue No.	25
LM End	1.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.661587°	38.661587°
				-121.431451°	-121.431451°
DWR ID	DWR_NA0001_08_s_2022_25				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Dam removed.					

No Photos

LM Start	1.34	Rating **	M	Issue No.	4
LM End	1.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.661356°	38.661356°
				-121.430922°	-121.430922°
DWR ID	DWR_NA0001_08_s_2023_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Remove beaver dam in the channel.					

Photo 1 of 1 : FA_2023_NA0001_59_4_20230920_00018.jpg



Beaver dam in the channel. Fall 2023

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.40	Rating **	M	Issue No.	26	
LM End	1.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.660913°	38.660913°	
				-121.429900°	-121.429900°	
DWR ID	24384					
Comment Code						
Inspector Comment						
DS_ID:24384 FS_ID:69467 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 06/18/2020 Crossing evaluated as "Non-Urgent" because this is an abandoned encroachment and there is no permit found for this crossing. Geophysical evaluation found evidence of a pipe at this location. (A. McDonald - DWR UCIP)Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing. FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around the pipe. Slide gate inside a 30-inch CM riser. Flap gate on the waterside (WS) end. Concrete U-shaped headwall and splash apron on the WS end. Landside (LS) end cut off and plugged. Riser filled with dirt. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.44). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 72+10). USACE As-Built Drawing No. 1-4-392, Sheet 392/10, (Station A 72+10), December 1954]. FS Date: 6/18/2020						

LM Start	1.40	Rating **	M	Issue No.	26 (cont)
LM End	1.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69467_85938.jpg



Overview of levee crown looking u/s.

Photo 2 of 3 : UCIP_FA_2023_69467_85939.jpg



Overview of WS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.44	09/19/2023 09/19/2023	Marvin Marshall

LM Start	1.40	Rating **	M	Issue No.	26 (cont)
LM End	1.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.660913°	38.660913°
				-121.429900°	-121.429900°
DWR ID	24384				

Photo 3 of 3 : UCIP_FA_2023_69467_85940.jpg



Overview of LS levee slope looking u/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	1.29	Rating **	M	Issue No.	41
LM End	1.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562285°	38.562285°
				-121.405265°	-121.405265°
DWR ID	24394				
Comment Code					
Inspector Comment					
DS_ID:24394 FS_ID:69473 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 04/30/2020 This crossing is rated "Non-Urgent." It has been abandoned without a permit. Geophysical evaluation found no evidence of a pipe at this location. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner mentioned in email, ARFCD Staff Notes indicate riser in floodway near Beckenwood Way. (DWR UCIP - O. Magana) 12/05/2013 Need to contact owner to determine status of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *ASSUMED ABANDONED* 12-inch steel pipe of an unknown purpose through the levee, 14.0 feet below the crown. Riser on the waterside (WS). (Reference to 12-inch pipe scheduled to be abandoned [no clear direction of action taken available in permit recordation, see page 14 of 27 electronic permit copy] under Permit No. 4622, 1964 - County of Sacramento). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.31). USACE Sacramento O&M Manual, Unit 517, Part No. 1, November 1959, (Station 296+85). USACE As-Built Drawing No. 1-4-415, Sheet 415/6, (Station 296+85), February 1957]. FS Date: 4/30/2020					

Photo 1 of 3 : UCIP_FA_2023_69473_84108.jpg



Overview of levee crown looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	1.29	Rating **	M	Issue No.	41 (cont)
LM End	1.29	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.562285°	38.562285°
				-121.405265°	-121.405265°
DWR ID	24394				

Photo 2 of 3 : UCIP_FA_2023_69473_84109.jpg



Overview of WS levee slope looking d/s.

LM Start	1.29	Rating **	M	Issue No.	41 (cont)
LM End	1.29	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_69473_84111.jpg



Overview of LS levee slope looking d/s.

LM Start	1.88	Rating **	C	Issue No.	36
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.561148°	38.561148°
				-121.415825°	-121.415825°
DWR ID	DWR_NA0001_09_s_2022_36				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath repaired.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	1.91	Rating **	C	Issue No.	37
LM End	1.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.561367°	38.561367°
				-121.416444°	-121.416444°
DWR ID	DWR_NA0001_09_s_2022_37				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

No Photos

LM Start	2.22	Rating **	M	Issue No.	44
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.564663°	38.564663°
				-121.420059°	-121.420059°
DWR ID	24397				
Comment Code					
Inspector Comment					
DS_ID:24397 FS_ID:69476 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/30/2020 This crossing is rated "Non-Urgent." Crossing was not found during inspection. Geophysical evaluation found no evidence of a pipe at this location. Unable to locate a permit and confirm proper pipe abandonment. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 12-inch pipe of an unknown material or purpose through the levee, 11.2 feet below the crown. Riser unit on the waterside (WS). (Reference to 12-inch pipe scheduled to be abandoned [no clear direction of action taken available in permit recordation, see page 14 of 27 electronic permit copy] under Permit No. 4622, 1964 - County of Sacramento). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.26). USACE Sacramento O&M Manual, Unit 517, Part No. 1, November 1959, (Station 346+09). USACE As-Built Drawing No. 1-4-415, Sheet 415/6, (Station 346+09), February 1957]. FS Date: 4/30/2020					

Photo 1 of 3 : UCIP_FA_2023_69476_84145.jpg



Overview of levee crown looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	2.22	Rating **	M	Issue No.	44 (cont)
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.564663°	38.564663°
				-121.420059°	-121.420059°
DWR ID	24397				

Photo 2 of 3 : UCIP_FA_2023_69476_84147.jpg



Overview of WS levee slope looking d/s.

LM Start	2.22	Rating **	M	Issue No.	44 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_69476_84146.jpg



Overview of LS levee slope looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	2.51	Rating **	M	Issue No.	45
LM End	2.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.568767°	38.568767°
				-121.421178°	-121.421178°
DWR ID	24515				
Comment Code					
Inspector Comment					
DS_ID:24515 FS_ID:69477 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 04/30/2020 This crossing is rated "Non-Urgent." Crossing was not found during inspection. (A. McDonald - DWR UCIP)12/05/2013 Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 36-inch corrugated metal (CM) drainage pipe through the levee, at an unknown depth. Riser on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 517, Part No. 1, November 1959, (Station 365+14). USACE As-Built Drawing No. 1-4-415, Sheet 415/9, (Station 365+14), February 1957]. FS Date: 4/30/2020					

LM Start	2.51	Rating **	M	Issue No.	45 (cont)
LM End	2.51	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2023_69477_84148.jpg



Overview of levee crown looking d/s. "H" Street Bridge in the background.

Photo 2 of 3 : UCIP_FA_2023_69477_84150.jpg



Overview of WS levee slope looking d/s. "H" Street Bridge in the background.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.20	09/18/2023 09/18/2023	Marvin Marshall

LM Start	2.51	Rating **	M	Issue No.	45 (cont)
LM End	2.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.568767°	38.568767°
				-121.421178°	-121.421178°
DWR ID	24515				

Photo 3 of 3 : UCIP_FA_2023_69477_84149.jpg



Overview of LS levee slope looking d/s. "H" Street Bridge in the background.

LM Start	2.67	Rating **	C	Issue No.	18
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.571065°	38.571065°
				-121.420865°	-121.420865°
DWR ID	DWR_NA0001_09_f_2018_18				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.96	Rating **	M	Issue No.	32
LM End	2.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.575058°	38.575058°
				-121.419537°	-121.419537°
DWR ID	DWR_NA0001_09_f_2022_32				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2023_NA0001_60_32_20230905_00005.jpg



Rodent hole in the LS easement. Fall 2022

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	09/18/2023 09/18/2023	Marvin Marshall

LM Start	2.32	Rating **	A/W	Issue No.	24
LM End	2.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.575779°	38.575779°
				-121.356155°	-121.356155°
DWR ID	DWR_NA0001_10_s_2021_24				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
No active burrows observed, continue to monitor for rehabilitation.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	09/18/2023 09/18/2023	Marvin Marshall

LM Start	3.43	Rating **	M	Issue No.	34	
LM End	3.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.569583°	38.569583°	
				-121.374780°	-121.374780°	
DWR ID	24571					
Comment Code						
Inspector Comment						
DS_ID:24571 FS_ID:68960 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 05/29/2019 Drainage structure appears to be in good condition. Crossing evaluated as No Action Needed: Visual and permit documentation requirements have been met. Need to contact owner for maintenance records and internal inspection reports. (A. McDonald - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Pumping Plant No. 2: Wilhaggin Storm Drain D-43] 2 of 4: 24-inch concrete drainage pipe through the levee, 17.9 feet below the crown. Pump house on the landside (LS). Flap gate and discharge channel on the waterside (WS). Electric screw gate on the WS shoulder. Large sump basin on the LS. (No permit found with details of 24-inch pipe through the levee. Drainage pipe and sump of Pumping Plant No. 2 authorized under Permit No. 3102, 1959 - County of Sacramento. Electric screw gate authorized under Permit No. 14508, 1987 - County of Sacramento, Water Resources Division). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.57). USACE Sacramento O&M Manual, Unit 517, Part No. 1, November 1959, (Station 203+45). USACE As-Built Drawing No. 1-4-415, Sheet 415/5, (Station 203+45), February 1957]. FS Date: 5/29/2019						

Photo 1 of 3 : UCIP_FA_2023_68960_79514.jpg



Overview of levee crown looking d/s.

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	09/18/2023 09/18/2023	Marvin Marshall

LM Start	3.43	Rating **	M	Issue No.	34 (cont)
LM End	3.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.569583°	38.569583°
				-121.374780°	-121.374780°
DWR ID	24571				

Photo 2 of 3 : UCIP_FA_2023_68960_79515.jpg



Overview of LS levee slope looking d/s.

LM Start	3.43	Rating **	M	Issue No.	34 (cont)
LM End	3.43	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_68960_79516.jpg



Overview of WS levee slope looking d/s.

LM Start	3.56	Rating **	N	Issue No.	29
LM End	3.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.569242°	38.569242°
				-121.377169°	-121.377169°
DWR ID	DWR_NA0001_10_s_2017_29				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Remove three tree stumps within the levee easement.					

Photo 1 of 1 : FA_2023_NA0001_61_29_20230905_00004.jpg



Stumps in the easement. Spring 2022

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.90	09/18/2023 09/18/2023	Marvin Marshall

LM Start	3.62	Rating **	M	Issue No.	32
LM End	3.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569009°	38.569009°
				-121.378181°	-121.378181°
DWR ID	DWR_NA0001_10_f_2021_32				
Comment Code					
MW : Monitoring Well					
Inspector Comment					
Abandoned well not documented.					

Photo 1 of 1 : FA_2023_NA0001_61_32_20230905_00005.jpg



Abandoned well on the LS slope. Spring 2023

LM Start	3.77	Rating **	N	Issue No.	28
LM End	3.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568375°	38.568375°
				-121.380889°	-121.380889°
DWR ID	DWR_NA0001_10_f_2021_28				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump is located within 10 ft of the LS levee toe.					

Photo 1 of 1 : FA_2023_NA0001_61_28_20230920_00012.jpg



Stump in the LS easement. Fall 2023

* 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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	09/19/2023 09/19/2023	Marvin Marshall

LM Start		Rating **		Issue No.	
LM End		Issue Type +	--	Location *	
Category				GPS Latitude/Longitude	
				Start	End
Item				°	°
				°	°
DWR ID					
Comment Code					
Inspector Comment					
No issues were reported.					

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 - Fall 2023

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	09/18/2023 09/18/2023	Marvin Marshall

LM Start	0.22	Rating **	C	Issue No.	8
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.572265°	38.572265°
				-121.351267°	-121.351267°
DWR ID	DWR_NA0001_12_s_2017_8				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath has been repaired.					

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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