

Flood Control Project Maintenance Levee Inspections

Fall 2023 Levee Maintenance Deficiency Summary Report

Sacramento River Basin

ST0001	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard Cache Creek	A	25.43						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.01		0.01	0.04%	0.14	0.11		
Trim / Thin Trees	0.02		0.02	0.08%		0.01		
Encroachments					2.07	0.03		
Animal Control	0.02		0.02	0.08%				
Erosion / Rills	0.01		0.01	0.04%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07	0.02		
DWR UCIP LMA Responsibility								
<i>LMA Totals:</i>	0.06	0.00	0.06	0.24%	2.28	0.17	0.00	0.00

Unit No. 01 North Levee LB	Overall Unit Rating	Total Unit Miles						
ST0001	A	11.69						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.01		0.01	0.09%	0.04	0.11		
Trim / Thin Trees	0.02		0.02	0.17%		0.01		
Encroachments					1.43	0.03		
Animal Control	0.02		0.02	0.17%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.06	0.02		
DWR UCIP LMA Responsibility								
<i>Unit Totals:</i>	0.05	0.00	0.05	0.43%	1.53	0.17	0.00	0.00

Unit No. 02 South Levee RB	Overall Unit Rating	Total Unit Miles						
ST0001	A	11.48						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.10			
Encroachments					0.63			
<i>Supplemental</i>								
DWR UCIP Field Study					0.01			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.74	0.00	0.00	0.00

Unit No. 04 East Training Levee of Cache Creek Settling Basin LB	Overall Unit Rating	Total Unit Miles						
ST0001	A	2.26						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.01			
Erosion / Rills	0.01		0.01	0.44%				
<i>Unit Totals:</i>	0.01	0.00	0.01	0.44%	0.01	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet**

Sacramento Maintenance Yard Cache Creek

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

†
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet**

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 01 North Levee			Left	11.69
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/3/2023 - 4/3/2023		10/10/2023 - 10/10/2023	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By			Kevin Anfinson DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_ST0001_01_f_2023_2				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The Sacramento Maintenance Yard has copies of the O&M Manuals.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_ST0001_01_s_2013_5				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood fight materials.					

No Photos

LM Start		Rating **	A	Issue No.	21
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_ST0001_01_s_2013_21				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The Sacramento Maintenance Yard remain current on their emergency response training and practices.					

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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	24
LM End	0.13	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.714947°	38.716330°
				-121.825704°	-121.824136°
DWR ID	DWR_ST0001_01_f_2020_24				
Comment Code					
FE : Fence					
Inspector Comment					
Barbed wire fence on waterside shoulder and toe road.					

Photo 1 of 1 : FA_2023_ST0001_259_24_20230907_00012.jpg



View of the fence near the toe road. Fall 2020.

LM Start	0.03	Rating **	M	Issue No.	48
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.715268°	38.716647°
				-121.825345°	-121.823667°
DWR ID	DWR_ST0001_01_s_2015_48				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at the levee toe.					

Photo 1 of 1 : FA_2023_ST0001_259_48_20230907_00025.jpg



View of ditch at landside toe. Fall 2021.

LM Start	0.88	Rating **	M	Issue No.	37
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.733100°	38.733100°
				-121.796000°	-121.796000°
DWR ID	DWR_ST0001_01_f_2023_37				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Fallen tree limbs on the landside slope.					

Photo 1 of 1 : FA_2023_ST0001_259_37_20231010_00061.jpg



View of tree limbs 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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	0.92	Rating **	M	Issue No.	27
LM End	1.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.719051°	38.720864°
				-121.815287°	-121.812980°
DWR ID	DWR_ST0001_01_f_2023_27				
Comment Code					
DT : Ditch					
Inspector Comment					
There is an irrigation ditch at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_259_27_20230907_00015.jpg



View of irrigation ditch near the landside toe. Spring 2021.

LM Start	1.16	Rating **	M	Issue No.	25
LM End	1.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.721613°	38.721819°
				-121.812406°	-121.811911°
DWR ID	DWR_ST0001_01_f_2021_25				
Comment Code					
CR : Crops					
Inspector Comment					
Landowner has a garden with drip system within landside easement.					

Photo 1 of 1 : FA_2023_ST0001_259_25_20230907_00013.jpg



View of garden at landside 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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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	1.17	Rating **	M	Issue No.	79
LM End	1.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.721749°	38.721749°
				-121.812164°	-121.812164°
DWR ID	16271				
Comment Code					
Inspector Comment					
DS_ID:16271 FS_ID:72495 EP_NO: 10192 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 02/17/2022 Record updated from No Action Needed to Non-Urgent. Concrete pipes are visible inside concrete riser on waterside. Unable to confirm that pipe is crossing new levee setback. Geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. No permit has been identified authorizing pipe. Crossing appears abandoned. Concrete debris, abandoned CMP riser at riverbank. Pipe was crossing old levee at angle. (O.Yakimov - DWR UCIP) 11/16/2018 There is a concrete standpipe and no other pipes connected to this standpipe. The standpipe is located between setback levee and the old levee. No other structure or pipe found. (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Slide gate in a concrete riser on the waterside (WS) shoulder. Plate welded on the waterside end. Well, pump, and discharge box on the landside (LS). (24-inch steel pipe [HLM 1.17] authorized under Automatic Board Order (ABO) issued as Permit No. 10192, 1974 - Harry H. and Jane Dewey). [Additional Reference(s): DWR Levee Log, 1993 (HLM 1.17), listed as abandoned 24-inch pipe. USACE Sacramento O&M Manual 126, November 1961, (HLM 1.17)]. USACE As-Built Drawing No. 50-04-3227, January 1960, Sheet 3, STA 215+50]. FS Date: 2/17/2022 9:28:04 AM					

Photo 1 of 3 : UCIP_FA_2023_72495_108477.jpg



Top of Levee: View of levee crown looking downstream

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	1.17	Rating **	M	Issue No.	79 (cont)
LM End	1.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.721749°	38.721749°
				-121.812164°	-121.812164°
DWR ID	16271				

Photo 2 of 3 : UCIP_FA_2023_72495_108479.jpg



Water-Side: View of levee slope looking from crown

LM Start	1.17	Rating **	M	Issue No.	79 (cont)
LM End	1.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2023_72495_108480.jpg



Water-Side: Concrete pipes inside concrete standpipe

LM Start	1.48	Rating **	M	Issue No.	31
LM End	1.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.724063°	38.724063°
				-121.807788°	-121.807788°
DWR ID	DWR_ST0001_01_f_2023_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes on the landside slope.					

Photo 1 of 1 : FA_2023_ST0001_259_31_20231010_00060.jpg



View of rodent holes on the landside slope. Fall 2023.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	1.77	Rating **	M	Issue No.	63
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728217°	38.729944°
				-121.806903°	-121.806506°
DWR ID	DWR_ST0001_01_s_2017_63				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_63_20230907_00029.jpg



View of fence at the landside toe. Spring 2020.

LM Start	1.86	Rating **	M	Issue No.	32
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.729495°	38.729495°
				-121.806535°	-121.806535°
DWR ID	DWR_ST0001_01_s_2022_32				
Comment Code					
EQ : Equipment					
Inspector Comment					
Farm equipment and debris are located on the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_259_32_20230907_00017.jpg



View of equipment on the landside easement. Spring 2023.

LM Start	1.90	Rating **	U	Issue No.	3
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.730008°	38.731170°
				-121.806497°	-121.806220°
DWR ID	DWR_ST0001_01_s_2012_3				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_3_20230907_00001.jpg



View of vegetation on the landside slope. 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	1.98	Rating **	M	Issue No.	6
LM End	2.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.731166°	38.731620°
				-121.806215°	-121.806032°
DWR ID	DWR_ST0001_01_s _ 2023_6				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Catus is located on the waterside berm.					

Photo 1 of 1 : FA_2023_ST0001_259_6_20230907_00002.jpg



View of cactus on the waterside slope. Spring 2023.

LM Start	1.98	Rating **	U	Issue No.	7
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.731167°	38.731614°
				-121.806217°	-121.806032°
DWR ID	DWR_ST0001_01_s_2012_7				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_7_20230907_00003.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2020.

LM Start	1.98	Rating **	U	Issue No.	35
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.731208°	38.731208°
				-121.806220°	-121.806220°
DWR ID	DWR_ST0001_01_s_2020_35				
Comment Code					
DT : Ditch					
Inspector Comment					
The landowner has dug a 5' diameter hole within 10' of the landside toe and it appears to cut into the levee prism.					

Photo 1 of 1 : FA_2023_ST0001_259_35_20230907_00020.jpg



View of the hole within the landside easement. Spring 2019.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.01	Rating **	M	Issue No.	8
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.731507°	38.731507°
				-121.806122°	-121.806122°
DWR ID	DWR_ST0001_01_s_2012_8				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_8_20230907_00004.jpg



View of building within landside easement. Spring 2023.

LM Start	2.05	Rating **	M	Issue No.	10
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732162°	38.732162°
				-121.805895°	-121.805895°
DWR ID	DWR_ST0001_01_s_2018_10				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_10_20230907_00005.jpg



View of house within landside easement. Spring 2023.

LM Start	2.06	Rating **	M	Issue No.	11
LM End	2.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732268°	38.732268°
				-121.805832°	-121.805832°
DWR ID	DWR_ST0001_01_s_2012_11				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_11_20230907_00006.jpg



View of building within landside easement. Spring 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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.08	Rating **	M	Issue No.	13
LM End	2.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732523°	38.732523°
				-121.805690°	-121.805690°
DWR ID	DWR_ST0001_01_f_2020_13				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_13_20230907_00008.jpg



View of building within landside easement. Spring 2023.

LM Start	2.12	Rating **	M	Issue No.	12
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733000°	38.733000°
				-121.805409°	-121.805409°
DWR ID	DWR_ST0001_01_f_2019_12				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_12_20230907_00007.jpg



View of building within landside easement. Spring 2023.

LM Start	2.13	Rating **	U	Issue No.	15
LM End	2.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733215°	38.733350°
				-121.805262°	-121.805082°
DWR ID	DWR_ST0001_01_s_2012_15				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_15_20230907_00009.jpg



View of the fence within landside easement. Spring 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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.16	Rating **	M	Issue No.	9
LM End	2.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733460°	38.733581°
				-121.804865°	-121.804647°
DWR ID	DWR_ST0001_01_f_2017_9				
Comment Code					
FE : Fence					
Inspector Comment					
There is metal railing on the landside hinge point.					

No Photos

LM Start	2.17	Rating **	M	Issue No.	16
LM End	2.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733580°	38.733580°
				-121.804650°	-121.804650°
DWR ID	DWR_ST0001_01_s _ 2012_16				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_16_20230907_00010.jpg



View of horse barn and corral within landside easement. Spring 2023.

LM Start	2.54	Rating **	M	Issue No.	78
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733285°	38.732782°
				-121.798029°	-121.797167°
DWR ID	DWR_ST0001_01_s_2017_78				
Comment Code					
FE : Fence					
Inspector Comment					
There is a wire fence at the landside levee toe.					

Photo 1 of 1 : FA_2023_ST0001_259_78_20230907_00032.jpg



Chain fence at the landside levee toe. Spring 2022.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.57	Rating **	A/W	Issue No.	30
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.732836°	38.732685°
				-121.797893°	-121.797154°
DWR ID	DWR_ST0001_01_s_2022_30				
Comment Code					
Inspector Comment					
2018 Site ID: CHC 2.4 L					
Status: Critical					
2018 Field Notes: No observed change.					
Site History: Site identified as CRITICAL in 2002. 2006 - Currently constructing a setback levee. New failures present and extensive. Downstream end of the setback levee did not extend far enough. Upstream end was repaired. 2007 - DWR repaired with a setback levee, but the levee did not go far enough downstream. 2012 - New cracks observed. 2013 - Fresh erosion on upper bank.					

Photo 1 of 1 : FA_2023_ST0001_259_30_20230907_00016.jpg



USACE 2018 Erosion Photo #1

LM Start	2.62	Rating **	M	Issue No.	77
LM End	2.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.732795°	38.732897°
				-121.797050°	-121.796547°
DWR ID	DWR_ST0001_01_s_2017_77				
Comment Code					
FE : Fence					
Inspector Comment					
There is a wire fence at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_259_77_20230907_00031.jpg



View of wire fence on landside easement. Spring 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.67	Rating **	M	Issue No.	71
LM End	2.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733075°	38.733594°
				-121.796039°	-121.795131°
DWR ID	DWR_ST0001_01_s_2022_71				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_71_20230907_00030.jpg



View of equipment on landside toe. Spring 2023.

LM Start	2.69	Rating **	M	Issue No.	20
LM End	2.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.733145°	38.733145°
				-121.795845°	-121.795845°
DWR ID	DWR_ST0001_01_s_2012_20				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_20_20230907_00011.jpg



View of building on landside easement. Spring 2023.

LM Start	2.84	Rating **	A/W	Issue No.	62
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.734514°	38.734514°
				-121.793418°	-121.793418°
DWR ID	DWR_ST0001_01_s_2022_62				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is occurring on the waterside berm and toe road. Approximately 120 feet from the landside toe and not within the prism.					

Photo 1 of 2 : FA_2023_ST0001_259_62_20230907_00027.jpg



View of erosion looking towards the landside levee slope, facing northeast. Spring 2018.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.84	Rating **	A/W	Issue No.	62 (cont)
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.734514°	38.734514°
				-121.793418°	-121.793418°
DWR ID	DWR_ST0001_01_s _ 2022_62				

Photo 2 of 2 : FA_2023_ST0001_259_62_20230907_00028.jpg



View of erosion from levee crown, facing Cache Creek. Fall 2018.

LM Start	2.99	Rating **	M	Issue No.	42
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.734400°	38.734400°
				-121.790600°	-121.790600°
DWR ID	DWR_ST0001_01_f _ 2023_42				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_42_20231010_00062.jpg



View of tree limbs on the landside slope. Fall 2023.

LM Start	3.64	Rating **	M	Issue No.	33
LM End	3.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.730633°	38.730527°
				-121.784802°	-121.784745°
DWR ID	DWR_ST0001_01_s _ 2023_33				
Comment Code					
PR : Prunings					
Inspector Comment					
Large pruning pile at the landside toe.					

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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	3.66	Rating **	U	Issue No.	43
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730400°	38.730400°
				-121.784600°	-121.784600°
DWR ID	DWR_ST0001_01_f_2023_43				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Large cut up tree at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_259_43_20231010_00063.jpg



View of tree at the landside toe. Fall 2023.

LM Start	3.71	Rating **	A/W	Issue No.	41
LM End	3.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.729664°	38.729322°
				-121.784222°	-121.783842°
DWR ID	DWR_ST0001_01_s_2022_41				
Comment Code					
Inspector Comment					
2018 Site ID: CHC 3.6 L					
Status: Eroding New					
2018 Field Notes: Erosion of entire bank slope. Possible tree popout.					
Slumping cracks along berm.					
Site History:					

Photo 1 of 2 : FA_2023_ST0001_259_41_20230907_00023.jpg



USACE 2018 Erosion Photo #1

LM Start	3.71	Rating **	A/W	Issue No.	41 (cont)
LM End	3.74	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2023_ST0001_259_41_20230907_00024.jpg



USACE 2018 Erosion Photo #2

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.22	Rating **	A/W	Issue No.	34
LM End	4.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.727207°	38.727187°
				-121.775521°	-121.775450°
DWR ID	LMA-57				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is occurring on the waterside berm and toe road. Approximately 80 feet from the landside toe and not within the prism.					
Site ID No:249					
Site Designation:LMA-57					

LM Start	4.22	Rating **	A/W	Issue No.	34 (cont)
LM End	4.23	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : LEVAL_FA_2023_249_954.jpg



View of toe road where erosion is located.

Photo 2 of 2 : LEVAL_FA_2023_249_959.jpg



View of erosion near waterside toe road.

LM Start	4.34	Rating **	M	Issue No.	52
LM End	4.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726754°	38.726242°
				-121.773424°	-121.772221°
DWR ID	DWR_ST0001_01_f_2016_52				
Comment Code					
FE : Fence					
Inspector Comment					
A fence is located on the landside slope.					

Photo 1 of 1 : FA_2023_ST0001_259_52_20230907_00026.jpg



Barbed wire fence at the landside levee 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.98	Rating **	M	Issue No.	80
LM End	4.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.721038°	38.721038°
				-121.764180°	-121.764180°
DWR ID	16265				
Comment Code					
Inspector Comment					
DS_ID:16265 FS_ID:72612 EP_NO: 7232 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Indicator Found UCIP Comments: 02/17/2022 Record remains Non-Urgent. Broken communication line sign found at landside toe needs repair. (O.Yakimov - DWR UCIP) 06/16/2016 May need marker on WS (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material through the levee, 2.5 feet below the crown. Communications marker located on the east side of Highway 113 on the landside (LS) toe. (Telephone conduit authorized under Permits No. 7232, 7232-A, issued in 1970 and 1971 correspondingly - Pacific Telephone and Telegraph Company [PT&T]). [Additional Reference(s): DWR Levee Log, 1993 (HLM 4.97)]. FS Date: 2/17/2022 9:12:09 AM					

LM Start	4.98	Rating **	M	Issue No.	80 (cont)
LM End	4.98	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72612_108754.jpg



Top of Levee: View of levee crown looking upstream. State Hwy 113 on the background

Photo 2 of 3 : UCIP_FA_2023_72612_108755.jpg



Water-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.98	Rating **	M	Issue No.	80 (cont)
LM End	4.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.721038 °	38.721038 °
				-121.764180 °	-121.764180 °
DWR ID	16265				

Photo 3 of 3 : UCIP_FA_2023_72612_108756.jpg



Land-Side: View of levee slope looking from crown

LM Start	5.66	Rating **	M	Issue No.	36
LM End	5.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.724017 °	38.723855 °
				-121.756031 °	-121.755813 °
DWR ID	DWR_ST0001_01_f_2021_36				
Comment Code					
MISC : Miscellaneous					
Inspector Comment					
Bee boxes on the landside slope.					

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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.21	Rating **	M	Issue No.	81	
LM End	7.21	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.727511°	38.727511°	
				-121.730079°	-121.730079°	
DWR ID	25072					
Comment Code						
Inspector Comment						
DS_ID:25072 FS_ID:72622 EP_NO: 7668 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Indicator Found UCIP Comments: 02/17/2022 Record is Non-Urgent. Manholes covered with debris. Markers are not installed on any side of levee. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 4-inch telephone conduit of an unknown material through both levees and under Cache Creek, 6 feet below the crown. Conduit runs 10 feet west along County Road 102. Manhole just off the landside toe next to CO RD 102. (Telephone conduit authorized under Permit No. 7668, 1971 - Pacific Telephone and Telegraph Company [PT&T]). [Additional Reference(s): DWR Levee Log, 1993 (HLM 7.21)]. FS Date: 2/17/2022 11:22:31 AM						

LM Start	7.21	Rating **	M	Issue No.	81 (cont)
LM End	7.21	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72622_108798.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2023_72622_108795.jpg



Land-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.21	Rating **	M	Issue No.	81 (cont)
LM End	7.21	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.727511°	38.727511°	
			-121.730079°	-121.730079°	
DWR ID	25072				

Photo 3 of 3 : UCIP_FA_2023_72622_108797.jpg



Land-Side: Manholes covered with vegetation and debris

LM Start	7.30	Rating **	M	Issue No.	40
LM End	7.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727878°	38.728085°
				-121.728553°	-121.727740°
DWR ID	DWR_ST0001_01_s_2023_40				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_259_40_20230907_00022.jpg



View of equipment on landside toe. Spring 2023.

LM Start	7.30	Rating **	M	Issue No.	39
LM End	7.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727870°	38.727870°
				-121.728527°	-121.728527°
DWR ID	DWR_ST0001_01_s _ 2012_39				
Comment Code					
BU : Building					
Inspector Comment					
The barn and livestock pens are within the easement of the levee.					

Photo 1 of 1 : FA_2023_ST0001_259_39_20230907_00021.jpg



View of building within landside easement. Spring 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.35	Rating **	M	Issue No.	82
LM End	7.35	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.728135°	38.728135°
				-121.727536°	-121.727536°
DWR ID	16765				
Comment Code					
Inspector Comment					
DS_ID:16765 FS_ID:72738 EP_NO: 16810 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/22/2022 Record updated from No Action Needed to Non-Urgent. Pipe is open on landside. Recommend owner to install a cap on landside pipe end. (O.Yakimov - DWR UCIP) 11/16/18 Two pipes W/S 1 capped, L/S both open. (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: 1 of 2: 14-inch coated steel irrigation pipe through the levee approximately 2-3 feet below the crown. Pipe connects to a seasonal 14-inch polyvinyl chloride (PVC) pipe and a 100-horsepower mobile pumping plant on the waterside slope. (One 14-inch steel pipe authorized under Permit No. 16810, 1998 - W. Ashley Payne, permit inspection notes indicate that two 14-inch pipes were installed). (Retention of two 14-inch pipes authorized under Permit No. 16810-R, 2002 - Ashley Payne). FS Date: 2/22/2022 3:41:16 PM					

LM Start	7.35	Rating **	M	Issue No.	82 (cont)
LM End	7.35	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72738_109096.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2023_72738_109097.jpg



Water-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.35	Rating **	M	Issue No.	82 (cont)
LM End	7.35	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.728135°	38.728135°
				-121.727536°	-121.727536°
DWR ID	16765				

Photo 3 of 3 : UCIP_FA_2023_72738_109094.jpg



Water-Side: pipes on levee slope. Cap is installed on pipe end

LM Start	7.35	Rating **	M	Issue No.	44
LM End	7.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.728149°	38.728149°
				-121.727528°	-121.727528°
DWR ID	DWR_ST0001_01_s_2021_44				
Comment Code					
V6 : Landscaping					
Inspector Comment					
There is cactus on the landside slope.					

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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.36	Rating **	U	Issue No.	83
LM End	7.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.728155°	38.728155°
				-121.727539°	-121.727539°
DWR ID	17032				
Comment Code					
Inspector Comment					
DS_ID:17032 FS_ID:72745 EP_NO: 16810 Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 02/22/2022 Record updated from No Action Needed to Urgent. Straight through pipe open on both ends provides flood threat to the landside during high water events. (O.Yakimov - DWR UCIP) 11/16/18 Waterside: 1 open 1 closed, landside: both open. (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: 2 of 2: 14-inch coated steel irrigation pipe through the levee approximately 2-3 feet below the crown. Pipe connects to a seasonal 14-inch polyvinyl chloride (PVC) pipe and a 100-horsepower mobile pumping plant on the waterside slope. (One 14-inch steel pipe authorized under Permit No. 16810, 1998 - W. Ashley Payne, permit inspection notes indicate that two 14-inch pipes were installed). (Retention of two 14-inch pipes authorized under Permit No. 16810-R, 2002 - Ashley Payne). FS Date: 2/22/2022 4:16:46 PM					

LM Start	7.36	Rating **	U	Issue No.	83 (cont)
LM End	7.36	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72745_109120.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2023_72745_109121.jpg



Water-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	7.36	Rating **	U	Issue No.	83 (cont)
LM End	7.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.728155°	38.728155°
				-121.727539°	-121.727539°
DWR ID	17032				

Photo 3 of 3 : UCIP_FA_2023_72745_109118.jpg



Water-Side: Open pipe on levee slope

LM Start	7.36	Rating **	M	Issue No.	26
LM End	7.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.728188°	38.728194°
				-121.727442°	-121.720255°
DWR ID	DWR_ST0001_01_f_2021_26				
Comment Code					
DT : Ditch					
Inspector Comment					
A ditch is located at the levee toe.					

Photo 1 of 1 : FA_2023_ST0001_259_26_20230907_00014.jpg



View of ditch at landside toe. Fall 2021.

LM Start	7.69	Rating **	M	Issue No.	29
LM End	7.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.729027°	38.729027°
				-121.721683°	-121.721683°
DWR ID	DWR_ST0001_01_s_2015_29				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	8.81	Rating **	M	Issue No.	38
LM End	8.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726605°	38.726370°
				-121.702007°	-121.701804°
DWR ID	DWR_ST0001_01_f_2021_38				
Comment Code					
MISC : Miscellaneous					
Inspector Comment					
Bee boxes at the landside toe.					

No Photos

LM Start	9.33	Rating **	M	Issue No.	84
LM End	9.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.719994°	38.719994°
				-121.697215°	-121.697215°
DWR ID	17113				
Comment Code					
Inspector Comment					
DS_ID:17113 FS_ID:72789 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/22/2022 Record updated from No Action Needed to Non-Urgent. No permit has been found authorizing this pipe through the levee. Damaged siphon breaker on landside shoulder needs maintenance. (O.Yakimov - DWR UCIP) 11/16/2018 Waterside buried landside closed. (Ted Skidgel - Sac Yard) FIELD_STRUCT_DESC: 18-inch, 0.25-inch-thick soil-proofed steel irrigation pipe, 3 feet below the crown. Installed during Cache Creek Settling Basin enlargement in 1991. (24-inch steel irrigation pipes at 5 locations authorized under Permit No. 12705, 1979 - Layton Knaggs. Permit was administratively closed). [Additional Reference(s): DWR Levee Log, 1993 (HLM 9.37), listed as 24-inch pipe0. USACE As-Built Drawing No. CC5-04-0070, 6 May 1991, Sheet 15, STA UNK]. FS Date: 2/22/2022 10:59:45 AM					

Photo 1 of 3 : UCIP_FA_2023_72789_109241.jpg



Top of Levee: View of levee crown looking downstream

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	9.33	Rating **	M	Issue No.	84 (cont)
LM End	9.33	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.719994°	38.719994°	
			-121.697215°	-121.697215°	
DWR ID	17113				

Photo 2 of 3 : UCIP_FA_2023_72789_109242.jpg



Water-Side: View of levee slope looking from crown. Pipe daylights on levee slope

LM Start	9.33	Rating **	M	Issue No.	84 (cont)
LM End	9.33	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2023_72789_109243.jpg



Land-Side: View of levee slope looking from crown. Water well in the field

LM Start	9.52	Rating **	M	Issue No.	45
LM End	9.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.717300°	38.717300°
				-121.696800°	-121.696800°
DWR ID	DWR_ST0001_01_f_2023_45				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on the landside slope.					

Photo 1 of 1 : FA_2023_ST0001_259_45_20231010_00064.jpg



View of rodent hole 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		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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	10.40	Rating **	M	Issue No.	85
LM End	10.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.705051°	38.705051°
				-121.695577°	-121.695577°
DWR ID	17115				

Comment Code

Inspector Comment

DS_ID:17115
FS_ID:72795
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 02/22/2022 Record remains Non-Urgent. No permit has been found authorizing this pipe through the levee. On the landside pipe continues down levee slope, under toe road, crossing irrigation ditch. Connection to groundwater system might be made in the field. On waterside pipe continues down the slope, under irrigation ditch. Siphon breaker and pipe discharge point in the field. Pipe has multiple flange joints on both slopes. Unable to find a permit for modification.
(O.Yakimov - DWR UCIP)
10/19/16 Waterside capped, landside capped. (Ted Skidgel - Sac Yard)
FIELD_STRUCT_DESC: 18-inch soil-proofed steel irrigation pipe through the levee, 4 feet below the crown. Pipe used for seasonal irrigation. Pipe opening capped on both ends. Pipe installed during Cache Creek Settling Basin Enlargement, 1991. (24-inch steel irrigation pipes at 5 locations authorized under Permit No. 12705, 1979 - Layton Knaggs. Permit was administratively closed). [Additional Reference(s): DWR Levee Log, 1993 (HLM 10.35), listed as 24-inch pipe). USACE As-Built Drawing No. CC5-04-0070, 6 May 1991, Sheet 21, STA 68+00].
FS Date: 2/22/2022 12:48:39 PM

LM Start	10.40	Rating **	M	Issue No.	85 (cont)
LM End	10.40	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72795_109251.jpg



Land-Side: View of levee slope looking from crown. Pipe on the slope and over irrigation ditch

Photo 2 of 3 : UCIP_FA_2023_72795_109256.jpg



Land-Side: Pipe profile on landside

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	10.40	Rating **	M	Issue No.	85 (cont)	
LM End	10.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.705051°		38.705051°
				-121.695577°		-121.695577°
DWR ID	17115					

Photo 3 of 3 : UCIP_FA_2023_72795_109255.jpg



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

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	10.75	Rating **	M	Issue No.	86	
LM End	10.75	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.701814°	38.701814°	
				-121.690832°	-121.690832°	
DWR ID	17119					
Comment Code						
Inspector Comment						
DS_ID:17119						
FS_ID:72797						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit						
Crossing Status: Found						
UCIP Comments: 02/22/2022 Record remains Non-Urgent. No permit has been identified authorizing pipe. Crossing appears abandoned. Pipe is capped on landside. PVC pipe is glued to steel pipe on landside slope, pipe has flange joint on the slope. Unable to find a permit for modification. (O.Yakimov - DWR UCIP)						
11/03/2016: Per Ted Skidgel, new cap and gasket installed by farmer on LS vent, and siphon breaker/vent installed on WS. No permit was found for this work. Siphon breaker on WS needs cover. Repair Priority changed from No Action Needed to Non-Urgent. (K. Fazel - UCIP)08/16/2016: Repaired erosion L/S 8/16 pipe repaired by farmer prior to erosion. (T. Skidgel - ST0001). (Note: crossing was downgraded from Urgent to No Action Needed)06/28/2016: Erosion still present off LS shoulder, caused by leaking vent. Erosion to be repaired and backfilled this summer by Sac Yard. Pipe leaking at LS toe into ditch (not affecting levee prism) (K. Fazel - UCIP).2013-2016: Pipe leaks, severe erosion from levee shoulder to pipe daylight on landside levee slope, summer of 2013 repaired erosion,pipe needs repaired. (P. Amatya - DWR)						
FIELD_STRUCT_DESC: 18-inch soil-proofed steel irrigation pipe, 2.2 feet below the crown. Capped vent on the apex of the pipe off the landside (LS) shoulder. Booster pump located off the LS toe at the LS toe ditch. Another groundwater pump is located a further distance off the LS toe. Pumped groundwater is conveyed to the toe ditch and a booster pump pumps water through the levee and into a waterside (WS) ditch in the Cache Creek Settling Basin. Distribution box off the WS toe at the WS toe ditch. Could not locate a positive closure device. (24-inch steel irrigation pipes at 5 locations authorized under Permit No. 12705, 1979 - Layton Knaggs. Permit was administratively closed). [Additional Reference(s): DWR Levee Log, 1993 (HLM 10.83), listed as 24-inch pipe. USACE As-Built Drawing No. CC5-04-0070, 6 May 1991, Sheet 22, STA 49+50].						
FS Date: 2/22/2022 1:20:49 PM						

Photo 1 of 3 : UCIP_FA_2023_72797_109260.jpg



Water-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	10.75	Rating **	M	Issue No.	86 (cont)
LM End	10.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.701814°	38.701814°
				-121.690832°	-121.690832°
DWR ID	17119				

Photo 2 of 3 : UCIP_FA_2023_72797_109261.jpg



Water-Side: Air vent on levee shoulder

LM Start	10.75	Rating **	M	Issue No.	86 (cont)
LM End	10.75	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2023_72797_109262.jpg



Water-Side: Capped pipe at irrigation ditch

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	11.30	Rating **	U	Issue No.	87	
LM End	11.30	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.698784°	38.698784°	
				-121.681368°	-121.681368°	
DWR ID	17120					
Comment Code						
Inspector Comment						
DS_ID:17120						
FS_ID:72802						
EP_NO: N/A						
Repair Type: Urgent						
EVAL Issue: 3b, Flood Risk						
Crossing Status: Found						
UCIP Comments: 02/22/2022 Record updated from No Action Needed to Urgent. Pipe is open on waterside. 11-inch pipe welded to the flange joint on landside slope going down the slope. Pipe discharges into irrigation ditch at landside toe. Unable to find a permit for modification. No permit has been found authorizing this pipe through the levee. (O.Yakimov - DWR UCIP)						
10/19/16 The diameter of LS steel pipe reduces from 18-inch to 11-inch, both sides are open. (Ted Skidgel - Sac Yard)						
FIELD_STRUCT_DESC: 18-inch soil-proofed steel irrigation pipe through the levee approximately 2.2 feet below the crown. For seasonal water pumping. (24-inch steel irrigation pipes at 5 locations authorized under Permit No. 12705, 1979 - Layton Knaggs. Permit was administratively closed). [Additional Reference(s): DWR Levee Log, 1993 (HLM 11.35), listed as 24-inch pipe). USACE As-Built Drawing No. CC5-04-0070, 6 May 1991, Sheet 22, STA 20+50].						
FS Date: 2/22/2022 1:54:56 PM						

LM Start	11.30	Rating **	U	Issue No.	87 (cont)
LM End	11.30	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72802_109280.jpg



Water-Side: View of levee slope looking from crown. Pipe end is open

Photo 2 of 3 : UCIP_FA_2023_72802_109281.jpg



Land-Side: View of levee slope looking from crown

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 North Levee	Left	11.69	10/10/2023 10/10/2023	Zach Jojola

LM Start	11.30	Rating **	U	Issue No.	87 (cont)
LM End	11.30	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.698784°	38.698784°
				-121.681368°	-121.681368°
DWR ID	17120				

Photo 3 of 3 : UCIP_FA_2023_72802_109277.jpg



Land-Side: 11--inch pipe welder to flange joint on levee slope

* 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
Unit Cover Sheet**

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 02 South Levee			Right	11.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/3/2023 - 4/3/2023		10/10/2023 - 10/10/2023	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By			Kevin Anfinson DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	0.18	Rating **	N	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.729560°	38.729560°
				-121.805231°	-121.805231°
DWR ID	DWR_ST0001_02_f_2015_10				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
The stump is located at the levee toe.					

No Photos

LM Start	0.27	Rating **	N	Issue No.	6
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.730723°	38.730723°
				-121.804972°	-121.804972°
DWR ID	DWR_ST0001_02_s_2014_6				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
A large black walnut tree stump is at the toe of the levee.					

No Photos

LM Start	0.90	Rating **	A/W	Issue No.	2
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.732678°	38.732903°
				-121.795347°	-121.795017°
DWR ID	DWR_ST0001_02_f_2022_2				
Comment Code					
Inspector Comment					
2018 Site ID: CHC 0.9 R					
Status: Eroding New					
2018 Field Notes: Vertical eroding bank slope.					
Site History:					

Photo 1 of 2 : FA_2023_ST0001_260_2_20230907_00002.jpg



USACE 2018 Erosion Photo #1

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	0.90	Rating **	A/W	Issue No.	2 (cont)
LM End	0.92	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.732678°	38.732903°
				-121.795347°	-121.795017°
DWR ID	DWR_ST0001_02_f_2022_2				

Photo 2 of 2 : FA_2023_ST0001_260_2_20230907_00003.jpg



USACE 2018 Erosion Photo #2

LM Start	1.60	Rating **	A/W	Issue No.	16
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.731659°	38.731577°
				-121.785931°	-121.785936°
DWR ID	ST1-01				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is on the bank and is starting to cut into the WS toe road.					
Site ID No:181					
Site Designation:ST1-01					

Photo 1 of 1 : FA_2023_ST0001_260_16_20230907_00010.jpg



View of erosion on waterside toe road. Fall 2021.

LM Start	1.97	Rating **	M	Issue No.	24
LM End	1.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727653°	38.727653°
				-121.782412°	-121.782412°
DWR ID	DWR_ST0001_02_f_2019_24				
Comment Code					
EQ : Equipment					
Inspector Comment					
There are small pumps with 10 air valves, and 3 bollards located at the landside toe. The pipes do not appear to cross levee. Need to find permit.					

Photo 1 of 1 : FA_2023_ST0001_260_24_20230907_00012.jpg



View of the pumps, air valves, and bollards at the landside toe. Fall 2019.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.36	Rating **	M	Issue No.	38
LM End	2.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726376°	38.726299°
				-121.775610°	-121.775301°
DWR ID	DWR_ST0001_02_f_2022_38				
Comment Code					
EQ : Equipment					
Inspector Comment					
There is farm equipment on the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_260_38_20230907_00017.jpg



View of pipes and equipment on the landside toe. Spring 2023.

LM Start	2.40	Rating **	M	Issue No.	32
LM End	2.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.726183°	38.726183°
				-121.774861°	-121.774861°
DWR ID	DWR_ST0001_02_f_2020_32				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cactus is located at the landside toe.					

No Photos

LM Start	2.41	Rating **	M	Issue No.	3
LM End	2.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726141°	38.726141°
				-121.774774°	-121.774774°
DWR ID	DWR_ST0001_02_s_2018_3				
Comment Code					
DE : Debris					
Inspector Comment					
Broken concrete pipes are on the landside of the levee.					

Photo 1 of 1 : FA_2023_ST0001_260_3_20230907_00004.jpg



View of pipes on the landside toe. Spring 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	2.43	Rating **	M	Issue No.	29
LM End	2.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726036°	38.725836°
				-121.774340°	-121.773688°
DWR ID	DWR_ST0001_02_f_2017_29				
Comment Code					
EQ : Equipment					
Inspector Comment					
There is farm equipment at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_260_29_20230907_00016.jpg



View of equipment on the landside shoulder. Fall 2022.

LM Start	2.61	Rating **	A/W	Issue No.	36
LM End	2.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.724457°	38.724457°
				-121.771757°	-121.771757°
DWR ID	DWR_ST0001_02_s_2017_36				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.64	Rating **	M	Issue No.	37
LM End	2.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.724129°	38.724129°
				-121.771383°	-121.771383°
DWR ID	DWR_ST0001_02_s_2017_37				
Comment Code					
PO : Pole					
Inspector Comment					
There is a pole with no lines attached on the landside.					

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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	3.14	Rating **	M	Issue No.	15
LM End	3.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.720022°	38.722053°
				-121.763913°	-121.759600°
DWR ID	DWR_ST0001_02_f_2016_15				
Comment Code					
FE : Fence					
Inspector Comment					
There is a wire fence at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_260_15_20230907_00009.jpg



View of fence at landside toe. Fall 2021.

LM Start	3.39	Rating **	M	Issue No.	17
LM End	3.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.720204°	38.720204°
				-121.759760°	-121.759760°
DWR ID	DWR_ST0001_02_f_2016_17				
Comment Code					
FW : Firewood					
Inspector Comment					
There is a firewood pile behind the wire fence.					

Photo 1 of 1 : FA_2023_ST0001_260_17_20230907_00011.jpg



View of firewood pile. Spring 2020.

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	3.53	Rating **	A/W	Issue No.	11
LM End	3.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.722138°	38.723294°
				-121.759736°	-121.759588°
DWR ID	DWR_ST0001_02_s_2022_11				

Comment Code

Inspector Comment

2018 Site ID: CHC 3.5 R

Status: Eroding

2018 Field Notes: No observed change.

Site History: 2010 - Large slump on the upper berm, a tree has recently slid down the slope. 2011 - Large slump and new erosion. 2012 - Slightly steeper slopes and cracks observed. 2017 - Significant amount of debris along bank.

LM Start	3.53	Rating **	A/W	Issue No.	11 (cont)
LM End	3.60	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2023_ST0001_260_11_20230907_00007.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2023_ST0001_260_11_20230907_00008.jpg



USACE 2018 Erosion Photo #2

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.06	Rating **	M	Issue No.	8
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.723992°	38.723992°
				-121.752511°	-121.752511°
DWR ID	DWR_ST0001_02_f_2023_8				
Comment Code					
BU : Building					
Inspector Comment					
A building is within the easement of the levee.					

Photo 1 of 1 : FA_2023_ST0001_260_8_20230907_00005.jpg



View of building within the landside easement. Spring 2023.

LM Start	4.09	Rating **	M	Issue No.	9
LM End	4.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.724317°	38.725242°
				-121.752148°	-121.751075°
DWR ID	DWR_ST0001_02_s_2012_9				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA_2023_ST0001_260_9_20230907_00006.jpg



View of vegetation on the landside slope. Spring 2023.

LM Start	4.20	Rating **	M	Issue No.	28
LM End	4.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.725449°	38.725449°
				-121.750856°	-121.750856°
DWR ID	DWR_ST0001_02_f_2017_28				
Comment Code					
EQ : Equipment					
Inspector Comment					
Pipes and farm equipment are located on the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_260_28_20230907_00015.jpg



View of equipment on the landside toe. Spring 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	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.51	Rating **	M	Issue No.	39	
LM End	4.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.727145°	38.727145°	
				-121.745603°	-121.745603°	
DWR ID	16767					
Comment Code						
Inspector Comment						
DS_ID:16767 FS_ID:72295 EP_NO: 17174 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/10/2022 Record updated from No Action Needed to Non-Urgent. Crossing appears abandoned. Waterside pipe end is capped, landside end is open. Recommend closing landside end. (O.Yakimov - DWR UCIP) 08/05/2020: same observation as previous inspection.11/17/2017: water side closed, landside open FIELD_STRUCT_DESC: 14-inch coated steel irrigation pipe through the levee, 2 feet below the crown. Seasonal removable pipe and pump facility on the waterside (WS) slope. (14-inch irrigation pipe, removable pipe, and pump facility authorized under Permit No. 17174, 2000 - Howald Farms). FS Date: 2/10/2022 11:40:24 AM						

LM Start	4.51	Rating **	M	Issue No.	39 (cont)
LM End	4.51	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2023_72295_107644.jpg



Water-Side: View of levee slope looking from toe. Capped pipe on the slope

Photo 2 of 3 : UCIP_FA_2023_72295_107647.jpg



Land-Side: View of levee slope looking from crown

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	4.51	Rating **	M	Issue No.	39 (cont)
LM End	4.51	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.727145°	38.727145°
				-121.745603°	-121.745603°
DWR ID	16767				

Photo 3 of 3 : UCIP_FA_2023_72295_107648.jpg



Land-Side: Pipe end open on landside

LM Start	4.68	Rating **	M	Issue No.	1
LM End	4.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727589°	38.727127°
				-121.742532°	-121.740476°
DWR ID	DWR_ST0001_02_s_2021_1				
Comment Code					
DT : Ditch					
Inspector Comment					
An irrigation ditch is located at the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_260_1_20230907_00001.jpg



View of irrigation ditch at the landside toe. 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	5.33	Rating **	A/W	Issue No.	27
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2018 USACE Erosion Survey			38.722933°	38.723467°
				-121.760561°	-121.760436°
DWR ID	DWR_ST0001_02_s_2022_27				

Comment Code

Inspector Comment

2018 Site ID: CHC 5.4 L

Status: Eroding

2018 Field Notes: No observed change.

Site History: 2009 - Erosion into the levee slope. 2010 - Minor new erosion. 2011 - New erosion and a freshly fallen tree. 2012 - New animal holes and slightly steeper slopes. 2013 - New tree pop out and 2 feet of erosion along the top bank. 2017 - Site continues to erode due to the high 2017 storm event.

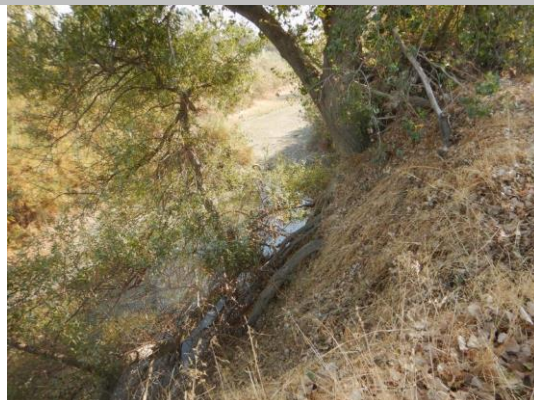
LM Start	5.33	Rating **	A/W	Issue No.	27 (cont)
LM End	5.37	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2023_ST0001_260_27_20230907_00013.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2023_ST0001_260_27_20230907_00014.jpg



USACE 2018 Erosion Photo #2

* 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**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 South Levee	Right	11.48	10/10/2023 10/10/2023	Zach Jojola

LM Start	5.69	Rating **	M	Issue No.	5
LM End	5.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.727800°	38.727800°
				-121.724900°	-121.724900°
DWR ID	DWR_ST0001_02_f _ 2023_5				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile on the landside slope.					

Photo 1 of 1 : FA_2023_ST0001_260_5_20231010_00021.jpg



View of the pruning pile 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	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
Unit Cover Sheet**

Sacramento Maintenance Yard Cache Creek

Waterway			Bank	Unit Miles
Unit No. 04 East Training Levee of Cache Creek Settling Basin			Left	2.26
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/3/2023 - 4/3/2023		10/10/2023 - 10/10/2023	
DWR Inspector	Zach Jojola		Zach Jojola	
Accompanied By			Kevin Anfinson DWR	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2023

Sacramento Maintenance Yard Cache Creek

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 East Training Levee of Cache Creek Settling Basin	Left	2.26	10/10/2023 10/10/2023	Zach Jojola

LM Start	0.03	Rating **	M	Issue No.	1
LM End	0.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.726941°	38.726941°
				-121.717750°	-121.717750°
DWR ID	DWR_ST0001_04_s_2023_1				
Comment Code					
EQ : Equipment					
Inspector Comment					
Beehives on the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_261_1_20230907_00001.jpg



Beehives within the landside easement. Spring 2023.

LM Start	2.17	Rating **	M	Issue No.	3
LM End	2.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			38.696745°	38.696745°
				-121.715850°	-121.715850°
DWR ID	DWR_ST0001_04_s _ 2023_3				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					
There are rills and bank erosion on the landside toe.					

Photo 1 of 1 : FA_2023_ST0001_261_3_20231010_00003.jpg



View of erosion on the landside slope and toe. Fall 2023.

LM Start	2.18	Rating **	C	Issue No.	2
LM End	2.18	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.696587°	38.696587°
				-121.715847°	-121.715847°
DWR ID	DWR_ST0001_04_f_2022_2				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
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			