

Flood Control Project Maintenance  
Levee Inspections  
LMA District Cover Sheet

Sacramento Maintenance Yard Maintenance Area 0004

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

\*\* 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 Maintenance Area 0004**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	3.47
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/9/2024 - 4/11/2024			
DWR Inspector	Marvin Marshall			
Accompanied By				

**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 - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_MA0004_01_s_2013_9				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The Sacramento Maintenance Yard has copies of their O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	10	
LM End		Issue Type +	Ma	Location *		
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				o	
					o	
DWR ID	DWR_MA0004_01_s_2013_10					
Comment Code						
ES : Emergency Supplies & Equipment						
Inspector Comment						
The Sacramento Maintenance Yard has a stockpile of flood response material.						

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				o
					o
DWR ID	DWR_MA0004_01_s_2013_11				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

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

**Levee Inspection Report By Mile - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.15	Rating **	A/W	Issue No.	38
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			38.596660°	38.596822°
				-121.544852°	-121.544053°
DWR ID	DWR_MA0004_01_s_2022_38				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_38\_20240212\_00008.jpg



Rilling on the landside. Spring 2022

LM Start	0.24	Rating **	A/W	Issue No.	2
LM End	0.72	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.597193°	38.601041°
				-121.543421°	-121.536557°
DWR ID	DWR_MA0004_01_s_2012_2				
Comment Code					
MISC : Miscellaneous					
Inspector Comment					
This is the USACE and DWR SMY. There are various buildings and fences along this section.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_2\_20240212\_00001.jpg



View of the fence across the levee crown at the SW side of the USACE facility. Spring 2021.

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

**Levee Inspection Report By Mile - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.25	Rating **	M	Issue No.	72
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.597277°	38.597277°
				-121.543264°	-121.543264°
DWR ID	25546				
Comment Code					
Inspector Comment					
DS_ID:25546 FS_ID:82760 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2024 Crossing was not inspected as it is inside the USACE facility. Access could not be acquired as the entrance gate was closed and could not reach anyone inside the facility. (J. Singh - DWR UCIP)09/07/2018 Record is considered Non-Urgent. Sediment clearing at pipe inlet is required. Pipe outlet is not visible on WS. O&M legacy system pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 19.0 feet below levee crown. [Additional Reference(s): Drawing No. 50-04-4179, Sheet 11.2 and 18.1, pdf page 9 and 17 of 19, associated with USACE Sacramento O&M Manual, Unit 116, August 1955, Revised 29 Dec 2016, shows 12-inch CMP referenced as Sta 44+92 (Site Mile 62.25 RT)]. FS Date: 3/25/2024 11:44:42 PM					

LM Start	0.25	Rating **	M	Issue No.	72 (cont)
LM End	0.25	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2024\_82760\_80009.jpg



Levee crown near crossing

Photo 2 of 3 : UCIP\_SP\_2024\_82760\_80011.jpg



Covered concrete box at LS toe

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



**Flood Control Project Maintenance  
Levee Inspections****Levee Inspection Report By Mile - Spring 2024****Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.25	Rating **	M	Issue No.	72 (cont)
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.597277°	38.597277°
				-121.543264°	-121.543264°
DWR ID	25546				

Photo 3 of 3 : UCIP\_SP\_2024\_82760\_80012.jpg



Pipe inlet concrete box is covered with metal sheeting

LM Start	0.32	Rating **	M	Issue No.	73
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.597915°	38.597915°
				-121.542264°	-121.542264°
DWR ID	25545				

## Comment Code

## Inspector Comment

DS\_ID:25545  
FS\_ID:82761  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue:  
Crossing Status: Found  
UCIP Comments: 03/25/2024 Crossing was not inspected as it is inside the USACE facility. Access could not be acquired as the entrance gate was closed and could not reach anyone inside the facility. (J. Singh - DWR UCIP)09/07/2018 Record remains Non-Urgent. Pipe not visible at WS slope. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP)  
FIELD\_STRUCT\_DESC: 12-inch corrugated metal drainage pipe through the levee, 23.3 feet below levee crown. [Additional Reference(s): Drawing No. 50-04-4179, Sheet 11.2 and 18.1, pdf page 9 and 17 of 19, associated with USACE Sacramento O&M Manual, Unit 116, August 1955, Revised 29 Dec 2016, shows 12-inch CMP referenced as Sta 48+62 (Site Mile 62.25 RT)].  
FS Date: 3/25/2024 11:45:06 PM

Photo 1 of 3 : UCIP\_SP\_2024\_82761\_80017.jpg



Drainage pit at LS toe

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.32	Rating **	M	Issue No.	73 (cont)
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.597915°	38.597915°
				-121.542264°	-121.542264°
DWR ID	25545				

Photo 2 of 3 : UCIP\_SP\_2024\_82761\_80018.jpg



Structures at LS toe where drainage pit is located

LM Start	<b>0.32</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>0.32</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2024\_82761\_80019.jpg



Levee crown at crossing

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections****Levee Inspection Report By Mile - Spring 2024****Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.43	Rating **	M	Issue No.	74	
LM End	0.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.598925 °		38.598925 °
				-121.540727 °		-121.540727 °
DWR ID	25544					
Comment Code						
Inspector Comment						
DS_ID:25544 FS_ID:82754 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/25/2024 The facility has new drainage, electrical, communications and water lines installed as part of the Sacramento Yard Rehabilitation Project. Thorough review of as-builts needs to be performed to verify which lines crossings were removed/replaced. (J. Singh - DWR UCIP)10/10/2019 Record remains Non-Urgent. No permit has been identified authorizing pipe. According to FMO staff this pipe was disconnected from Sac Yard storm drainage system and grouted in place. Unable to locate a permit and confirm proper pipe abandonment. (O.Yakimov - DWR UCIP)09/07/2018 Steel pipe at the bottom of drainage box is visible. Large reconstruction project is going on the property. Contact Brian Murphy with FMO after work is completed to request as-builts. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel drainage pipe through the levee, 12.1 feet below levee crown. [Additional Reference(s): Drawing No. 50-04-4179, Sheet 11.2 and 18.1, pdf page 9 and 17 of 19, associated with USACE Sacramento O&M Manual, Unit 116, August 1955, Revised 29 Dec 2016, shows 8-inch CMP referenced as Sta 54+53 (Site Mile 62.25 RT)]. FS Date: 3/25/2024 10:54:20 PM						

Photo 1 of 3 : UCIP\_SP\_2024\_82754\_120212.jpg



View of drain inlet looking towards the waterside

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2024\_82754\_120211.jpg



View of drain inlet along the crown looking downstream.

* 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 - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	<b>0.43</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>0.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.598925°	38.598925°	
			-121.540727°	-121.540727°	
DWR ID	25544				

Photo 3 of 3 : UCIP\_SP\_2024\_82754\_81540.jpg



8-inch steel pipe at the bottom of drainage box on LS goes towards levee

LM Start	<b>0.46</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.599205°	38.599205°	
			-121.540303°	-121.540303°	
DWR ID	25552				

**Comment Code**

**Inspector Comment**

DS\_ID:25552  
 FS\_ID:82753  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue:  
 Crossing Status: Not Found  
 UCIP Comments: 03/25/2024 The facility has new drainage, electrical, communications and water lines installed as part of the Sacramento Yard Rehabilitation Project. Thorough review of as-builts needs to be performed to verify which lines crossings were removed/replaced. (J. Singh - DWR UCIP)10/10/2019 Record remains Non-Urgent. Crossing not found. According to FMO staff this pipe was disconnected from Sac Yard storm drainage system and grouted in place. Unable to locate a permit and confirm proper pipe abandonment. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) 09/07/2018 Crossing not found (O.Yakimov - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 9-inch steel drainage pipe through the levee, 17 feet below levee crown. [Additional Reference(s): Drawing No. 50-04-4179, Sheet 11.2 and 18.1, pdf page 9 and 17 of 19, associated with USACE Sacramento O&M Manual, Unit 116, August 1955, Revised 29 Dec 2016, shows 9-inch steel pipe referenced as Sta 56+02 (Site Mile 62.25 RT)]  
 FS Date: 3/25/2024 11:00:49 PM

Photo 1 of 3 : UCIP\_SP\_2024\_82753\_120213.jpg



View from looking towards the waterside

<b>* Location</b> LS: Land Side    N/A: Not Applicable WS: Water Side CR: Crown	<b>** Rating</b> A: Acceptable M: Minimally Acceptable U: Unacceptable	<b>N: Not Inspected/Rated</b> C: Corrected A/W: Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance  
Levee Inspections****Levee Inspection Report By Mile - Spring 2024****Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	<b>0.46</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.599205°	38.599205°
				-121.540303°	-121.540303°
DWR ID	25552				

Photo 2 of 3 : UCIP\_SP\_2024\_82753\_120214.jpg



View from the crown looking downstream (note the new lighting pole and utility boxes)

LM Start	<b>0.46</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>0.46</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2024\_82753\_120215.jpg



View of waterside slope from waterside shoulder

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	0.48	Rating **	M	Issue No.	76
LM End	0.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.599396°	38.599396°
				-121.540026°	-121.540026°
DWR ID	25550				

**Comment Code**

**Inspector Comment**

DS\_ID:25550  
FS\_ID:82755  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit  
Crossing Status: Not Found  
UCIP Comments: 03/25/2024 The facility has new drainage, electrical, communications and water lines installed as part of the Sacramento Yard Rehabilitation Project. Thorough review of as-builts needs to be performed to verify which lines crossings were removed/replaced. (J. Singh - DWR UCIP)10/10/2019 Record remains Non-Urgent. Crossing not found. According to FMO staff this pipe was disconnected from Sac Yard storm drainage system and grouted in place. Unable to locate a permit and confirm proper pipe abandonment. (O.Yakimov - DWR UCIP) 09/07/2018 Crossing not found (O.Yakimov - DWR UCIP)  
FIELD\_STRUCT\_DESC: 6-inch vitrified clay drainage pipe through the levee, 16.1 feet below levee crown. [Additional Reference(s): Drawing No. 50-04-4179, Sheet 11.2 and 18.1, pdf page 9 and 17 of 19, associated with USACE Sacramento O&M Manual, Unit 116, August 1955, Revised 29 Dec 2016, shows combination of 6-inch vitrified clay pipe and 8-inch CMP referenced as Sta 56+96 (Site Mile 62.25 RT)]  
FS Date: 3/25/2024 11:17:52 PM

LM Start	<b>0.48</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>0.48</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP\_SP\_2024\_82755\_120216.jpg



View of drain inlet at the location of crossing

Photo 2 of 2 : UCIP\_SP\_2024\_82755\_120217.jpg



View of waterside slope from shoulder

* 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 - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	2.03	Rating **	U	Issue No.	58
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.599786°	38.599442°
				-121.513973°	-121.513698°
DWR ID	DWR_MA0004_01_s_2021_58				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence with privacy slats in the LS easement.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_58\_20240212\_00012.jpg



Fencing along LS toe of slope. Fall 2021

LM Start	2.05	Rating **	M	Issue No.	14
LM End	2.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.599439°	38.597533°
				-121.513708°	-121.513134°
DWR ID	DWR_MA0004_01_s_2017_14				
Comment Code					
FE : Fence					
Inspector Comment					
Landscaping and fence block access and visibility.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_14\_20240212\_00002.jpg



View of the fence along the LS levee toe. Spring 2021.

LM Start	2.11	Rating **	C	Issue No.	50
LM End	2.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.598708°	38.598142°
				-121.513104°	-121.512695°
DWR ID	DWR_MA0004_01_f_2021_50				
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					

No Photos

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	2.50	Rating **	M	Issue No.	17
LM End	2.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.593400°	38.593400°
				-121.512000°	-121.512000°
DWR ID	DWR_MA0004_01_f _ 2023_17				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_17\_20240417\_00030.jpg



Erosion on the WS slope. Spring 2024

LM Start	2.57	Rating **	M	Issue No.	16
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.592500°	38.592500°
				-121.511900°	-121.511900°
DWR ID	DWR_MA0004_01_f _ 2023_16				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from LS slope and easement.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_16\_20240212\_00003.jpg



Pruning pile on the LS slope and easement. Fall 2023

LM Start	2.89	Rating **	C	Issue No.	44
LM End	2.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589183°	38.589183°
				-121.508032°	-121.508032°
DWR ID	DWR_MA0004_01_s_2021_44				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> 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 - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	2.92	Rating **	M	Issue No.	47
LM End	2.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			38.588824°	38.588223°
				-121.507904°	-121.507876°
DWR ID	DWR_MA0004_01_s_2022_47				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					
Repair rilling, footpaths and burrows on the WS slope.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_47\_20240212\_00011.jpg



Rilling, burrows and footpaths on the waterside slope. Fall 2022

LM Start	2.92	Rating **	U	Issue No.	23
LM End	2.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588762°	38.588384°
				-121.507951°	-121.507894°
DWR ID	DWR_MA0004_01_f _ 2016_23				
Comment Code					
FE : Fence					
Inspector Comment					
Fence along toe of LS levee slope prevents access and visibility.					

Photo 1 of 2 : SP\_2024\_MA0004\_298\_23\_20240212\_00005.jpg



View of the fence on the LS toe. Fall 2021.

LM Start	<b>2.92</b>	Rating **	U	Issue No.	<b>23 (cont)</b>
LM End	<b>2.95</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP\_2024\_MA0004\_298\_23\_20240212\_00006.jpg



View of the fence on the LS levee slope. Spring 2021.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> 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 - Spring 2024**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	3.09	Rating **	M	Issue No.	41
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.586332°	38.586332°
				-121.508080°	-121.508075°
DWR ID	DWR_MA0004_01_f_2021_41				
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					
Trim trees to 5' above grade.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_41\_20240212\_00009.jpg



Trees to be trimmed 5' above grade. Fall 2021

LM Start	3.24	Rating **	M	Issue No.	27
LM End	3.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584168°	38.583435°
				-121.508632°	-121.508785°
DWR ID	DWR_MA0004_01_f _ 2015_27				
Comment Code					
FE : Fence					
Inspector Comment					
The fence on the levee shoulder appears to be unauthorized.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_27\_20240212\_00007.jpg



View of the fence on the LS levee shoulder. Spring 2021.

LM Start	3.29	Rating **	A/W	Issue No.	59
LM End	3.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.583437°	38.583437°
				-121.508788°	-121.508788°
DWR ID	DWR_MA0004_01_f_2020_59				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrows do not appear to be active. Backfill voids.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_59\_20240212\_00013.jpg



Rodent burrow in the planter on the WS slope. Fall 2022

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> 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 - Spring 2024****Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	04/09/2024 04/11/2024	Marvin Marshall

LM Start	3.41	Rating **	A/W	Issue No.	71
LM End	3.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.581798°	38.581668°
				-121.509322°	-121.509382°
DWR ID	DWR_MA0004_01_s_2020_71				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrows do not appear to be active. Backfill and compact voids.					

Photo 1 of 1 : SP\_2024\_MA0004\_298\_71\_20240212\_00014.jpg



Burrows in the WS planter. Fall 2023

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