

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin

NA0010 Lower San Joaquin Levee District	Overall LMA Rating	Total LMA Miles							
	U	191.27							
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	47.00	9.57	85.28	44.59%					
Trim / Thin Trees	0.10		0.10	0.05%					
Encroachments	0.23	0.02	0.31	0.16%	9.29	0.59			
Animal Control	7.67	2.19	16.43	8.59%					
Slope Stability	0.05	0.01	0.09	0.05%					
Erosion / Bank Caving	0.13	0.81	3.37	1.76%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.01%					
Repair Gates	0.02	0.02	0.10	0.05%					
<i>Rivers, Channels &amp; Designated Floodways</i>									
Encroachments					0.01	0.01			
<i>Supplemental</i>									
DWR Erosion Survey	0.12	0.17	0.80	0.42%					
DWR UCIP Field Study					1.29	0.05			
DWR UCIP LMA Responsibility									
<i>LMA Totals:</i>	55.33	12.79	106.49	55.67%	10.59	0.65	0.00	0.00	

Unit No. 01 San Joaquin River RB NA0010	Overall Unit Rating	Total Unit Miles							
	U	22.52							
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	4.94	4.86	24.38	108.26%					
Encroachments	0.01		0.01	0.04%	3.85	0.54			
Animal Control	0.22	0.07	0.50	2.22%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.19	0.02			
DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	5.17	4.93	24.89	110.53%	4.04	0.56	0.00	0.00	

Unit No. 02A San Joaquin River LB NA0010	Overall Unit Rating	Total Unit Miles							
	U	7.87							
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	1.97		1.97	25.03%					
Encroachments					0.01				
<i>Supplemental</i>									
DWR Erosion Survey		0.06	0.24	3.05%					
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	1.97	0.06	2.21	28.08%	0.02	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### ***San Joaquin River Basin (cont.)***

Unit No. 02B San Joaquin River LB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>U</b>	<b>5.92</b>						
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	0.58	2.12	9.06	153.04%					
Encroachments	0.03		0.03	0.51%					
Animal Control	0.01		0.01	0.17%					
Erosion / Bank Caving	0.01		0.01	0.17%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.63	2.12	9.11	153.89%	0.01	0.00	0.00	0.00	

Unit No. 03 San Joaquin River RB		Overall Unit Rating	Total Unit Miles						
NA0010		<b>U</b>	<b>2.10</b>						
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	0.29		0.29	13.84%					
Encroachments					1.62	0.01			
Animal Control	0.32	0.01	0.36	17.18%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.61	0.01	0.65	31.02%	1.63	0.01	0.00	0.00	

Unit No. 04 San Joaquin River LB		Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.					
NA0010		<b>M *</b>	<b>1.41</b>						
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					1.09				
Repair Gates		0.01	0.04	2.84%					
<i>Supplemental</i>									
DWR UCIP Field Study					0.06				
DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.00	0.01	0.04	2.84% *	1.15	0.00	0.00	0.00	



## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 05 East Side Bypass RB		Overall Unit Rating	Total Unit Miles						
NA0010		U	34.85						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	6.64		6.64	19.05%					
Trim / Thin Trees	0.03		0.03	0.09%					
Encroachments	0.17	0.01	0.21	0.60%	0.04	0.01			
Animal Control	1.30	0.17	1.98	5.68%					
Erosion / Bank Caving	0.12		0.12	0.34%					
Repair Gates	0.01		0.01	0.03%					
Rivers, Channels & Designated Floodways									
Encroachments					0.01				
Supplemental									
DWR Erosion Survey	0.12		0.12	0.34%					
DWR UCIP Field Study					0.17	0.02			
DWR UCIP LMA Responsibility									
Unit Totals:	8.39	0.18	9.11	26.14%	0.22	0.03	0.00	0.00	

Unit No. 06 East Side Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		U	36.47						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.75		1.75	4.80%					
Trim / Thin Trees	0.01		0.01	0.03%					
Encroachments	0.01		0.01	0.03%	1.71	0.01			
Animal Control	3.35	1.13	7.87	21.58%					
Slope Stability	0.01		0.01	0.03%					
Repair Gates	0.01	0.01	0.05	0.14%					
Supplemental									
DWR UCIP Field Study					0.25				
DWR UCIP LMA Responsibility									
Unit Totals:	5.14	1.14	9.70	26.60%	1.96	0.01	0.00	0.00	

Unit No. 07 Bear Creek Bypass RB		Overall Unit Rating	Total Unit Miles						
NA0010		A	3.62						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Animal Control	0.20		0.20	5.53%					
Supplemental									
DWR UCIP LMA Responsibility									
Unit Totals:	0.20	0.00	0.20	5.53%	0.00	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 08 Bear Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
	A	3.63						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.28%				
Animal Control	0.19		0.19	5.23%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.20	0.00	0.20	5.51%	0.00	0.00	0.00	0.00

Unit No. 09 Owens Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	M	0.87						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.14		0.14	16.00%				
Animal Control	0.01		0.01	1.14%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.15	0.00	0.15	17.15%	0.00	0.00	0.00	0.00

Unit No. 10 Owens Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	A	0.80						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	1.26%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	1.26%	0.00	0.00	0.00	0.00

Unit No. 11 Mariposa Bypass RB	Overall Unit Rating	Total Unit Miles						
	A	3.31						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.03		0.03	0.91%				
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.03	0.00	0.03	0.91%	0.02	0.00	0.00	0.00

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### ***San Joaquin River Basin (cont.)***

Unit No. 12 Mariposa Bypass LB		Overall Unit Rating	Total Unit Miles						
NA0010		A	3.33						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Supplemental									
DWR UCIP Field Study					0.02				
DWR UCIP LMA Responsibility									
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00	

Unit No. 13 Ash Slough RB		Overall Unit Rating	Total Unit Miles						
NA0010		M	1.27						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.14		0.14	11.05%					
Encroachments					0.04	0.01			
Supplemental									
DWR UCIP LMA Responsibility									
Unit Totals:	0.14	0.00	0.14	11.05%	0.04	0.01	0.00	0.00	

Unit No. 14 Ash Slough LB		Overall Unit Rating	Total Unit Miles						
NA0010		A	1.28						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Encroachments					0.01				
Animal Control	0.01		0.01	0.78%					
Rivers, Channels & Designated Floodways									
Encroachments						0.01			
Supplemental									
DWR UCIP Field Study					0.01	0.01			
Unit Totals:	0.01	0.00	0.01	0.78%	0.02	0.02	0.00	0.00	

Unit No. 15 Berenda Slough RB		Overall Unit Rating	Total Unit Miles						
NA0010		U	2.03						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.19		1.19	58.59%					
Animal Control	0.13		0.13	6.40%					
Supplemental									
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility									
Unit Totals:	1.32	0.00	1.32	64.99%	0.01	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### San Joaquin River Basin (cont.)

Unit No. 16 Berenda Slough LB	Overall Unit Rating	Total Unit Miles							
	U	1.96							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.42		1.42	72.36%					
Animal Control	0.04	0.01	0.08	4.08%					
Supplemental									
DWR UCIP LMA Responsibility									
Unit Totals:	1.46	0.01	1.50	76.44%	0.00	0.00	0.00	0.00	

Unit No. 17 Chowchilla Canal Bypass RB	Overall Unit Rating	Total Unit Miles							
NA0010	U	16.09							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	8.18		8.18	50.84%					
Animal Control	0.52	0.04	0.68	4.23%					
Supplemental									
DWR UCIP Field Study					0.04				
DWR UCIP LMA Responsibility									
Unit Totals:	8.70	0.04	8.86	55.06%	0.04	0.00	0.00	0.00	

Unit No. 18 Chowchilla Canal Bypass LB	Overall Unit Rating	Total Unit Miles							
NA0010	U	15.35							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	5.85		5.85	38.11%					
Trim / Thin Trees	0.01		0.01	0.07%					
Encroachments					0.01				
Animal Control	0.37	0.48	2.29	14.92%					
Supplemental									
DWR UCIP Field Study					0.14				
Unit Totals:	6.23	0.48	8.15	53.09%	0.15	0.00	0.00	0.00	

Unit No. 22A East Side Canal LB	Overall Unit Rating	Total Unit Miles							
NA0010	U	5.51							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Encroachments					0.86				
Animal Control	0.54	0.02	0.62	11.26%					
Slope Stability	0.02		0.02	0.36%					
Erosion / Bank Caving		0.81	3.24	58.85%					
Supplemental									
DWR Erosion Survey		0.11	0.44	7.99%					
DWR UCIP Field Study					0.11				
DWR UCIP LMA Responsibility									
Unit Totals:	0.56	0.94	4.32	78.47%	0.97	0.00	0.00	0.00	

## Flood Control Project Maintenance Levee Inspections

### Fall 2021 Levee Maintenance Deficiency Summary Report

#### ***San Joaquin River Basin (cont.)***

Unit No. 23 San Joaquin River RB		Overall Unit Rating	Total Unit Miles						
NA0010		U	10.24						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	6.38	0.65	8.98	87.68%					
Trim / Thin Trees	0.05		0.05	0.49%					
Encroachments	0.01		0.01	0.10%	0.01				
Animal Control	0.26	0.11	0.70	6.83%					
Slope Stability	0.01	0.01	0.05	0.49%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.10%					
Supplemental									
DWR UCIP Field Study					0.13				
DWR UCIP LMA Responsibility									
Unit Totals:	6.72	0.77	9.80	95.69%	0.14	0.00	0.00	0.00	

Unit No. 24 San Joaquin River LB		Overall Unit Rating	Total Unit Miles						
NA0010		U	8.36						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	7.52	1.94	15.28	182.84%					
Encroachments		0.01	0.04	0.48%	0.04	0.01			
Animal Control	0.16	0.15	0.76	9.09%					
Slope Stability	0.01		0.01	0.12%					
Supplemental									
DWR UCIP Field Study					0.11				
DWR UCIP LMA Responsibility									
Unit Totals:	7.69	2.10	16.09	192.53%	0.15	0.01	0.00	0.00	

Unit No. 25 Salt Slough RB		Overall Unit Rating	Total Unit Miles						
NA0010		A	2.49						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Supplemental									
DWR UCIP LMA Responsibility									
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00	

# Flood Control Project Maintenance Levee Inspections LMA District Cover Sheet

## Lower San Joaquin Levee District

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

**\*\* 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

[illegible]

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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	22.52
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	5/4/2021 - 5/4/2021		9/14/2021 - 9/14/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0010_01_s _ 2013_23				
Comment Code					
Inspector Comment					
The LMA maintains a copy of the O&M manuals on file at district office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0010_01_s _ 2013_24				
Comment Code					
Inspector Comment					
The LMA has adequate supplies and equipment for flood response.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	25		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_NA0010_01_s _ 2013_25						
Comment Code							
Inspector Comment							
LMA preparedness and training is adequate for flood response.							

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	1185	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.348637 °	37.348637 °	
				-120.958834 °	-120.958834 °	
DWR ID	19650					

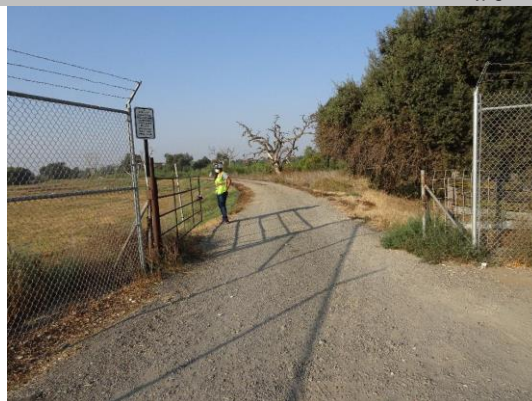
**Comment Code**

**Inspector Comment**

DS\_ID:19650  
FS\_ID:64704  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. This crossing will be monitored until funding becomes available for rehabilitation. Dense vegetation was found along the LS and WS. No permit was found authorizing this encroachment. The CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP, B. Singh - GEI)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope and landward toe. Recommend removing vegetation along pipe alignment and landward toe to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS), elevation 65.1 feet, USGS Datum.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 0.00), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.02), listed as a 24-inch CMP].  
FS Date: 10/6/2020

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1185 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64704\_92086.jpg



Overview of levee crown looking upstream towards pipe crossing. Pipe is located near gate entrance.

Photo 2 of 3 : UCIP\_FA\_2021\_64704\_92088.jpg



LS view: overview of LS, dense vegetation on slope and levee toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	1185 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.348637 °	37.348637 °	
				-120.958834 °	-120.958834 °	
DWR ID	19650					

Photo 3 of 3 : UCIP\_FA\_2021\_64704\_92087.jpg



WS view: overview of WS, dense vegetation on slope and levee toe.

LM Start	0.06	Rating **	M	Issue No.	123
LM End	0.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.348104 °	37.345415 °
				-120.959736 °	-120.961876 °
DWR ID	DWR_NA0010_01_f_2021_123				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_123\_20210927\_00292.jpg



View of vegetation on the landside slope looking upstream. (Fall 2021)

LM Start	0.06	Rating **	M	Issue No.	124
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.348103 °	37.346952 °
				-120.959739 °	-120.960755 °
DWR ID	DWR_NA0010_01_f_2021_124				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.12	Rating **	M	Issue No.	143
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.347444 °	37.347444 °
				-120.960311 °	-120.960311 °
DWR ID	DWR_NA0010_01_s_2020_143				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_143\_20210830\_00023.jpg



Downed tree limb should be removed from the waterside shoulder.  
(Spring 2020)

LM Start	0.34	Rating **	M	Issue No.	1186
LM End	0.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.344705 °	37.344705 °
				-120.962176 °	-120.962176 °
DWR ID	19651				
Comment Code					
Inspector Comment					

DS\_ID:19651

FS\_ID:64841

EP\_NO: N/A

Repair Type: Non-Urgent

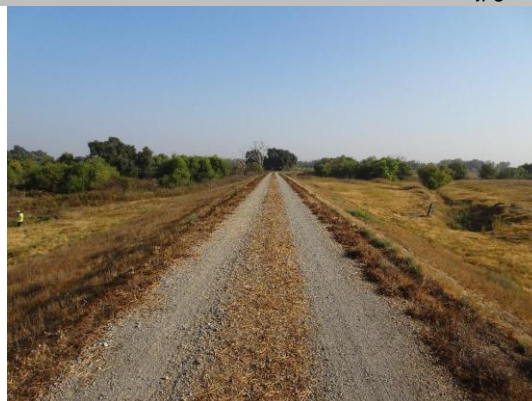
EVAL Issue: Maintenance Compliance Issue

Crossing Status: Found

UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. Sediment buildup found on the LS. Recommend maintenance to clear up sediment buildup along pipe invert. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (O. Magana - DWR UCIP, B. Singh - GEI)04/08/2014 Pipe has significant sediment buildup and shows some signs of corrosion at landward toe. Recommend cleaning sediment from inside pipe and check wall integrity. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 18.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.35), listed as 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.35), listed as a 36-inch CMP]. FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64841\_90529.jpg



Overview of levee looking US

* 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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.34</b>	Rating **	M	Issue No.	<b>1186 (cont)</b>
LM End	<b>0.34</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.344705 °	37.344705 °	
			-120.962176 °	-120.962176 °	
DWR ID	19651				

Photo 2 of 3 : UCIP\_FA\_2021\_64841\_90530.jpg



LS view: Overview of LS from levee crest, looking US

LM Start	<b>0.34</b>	Rating **	M	Issue No.	<b>1186 (cont)</b>
LM End	<b>0.34</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64841\_90531.jpg



WS view: Overview of WS slope, looking US

LM Start	0.36	Rating **	M	Issue No.	95
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.344312 °	37.344312 °
				-120.962361 °	-120.962361 °
DWR ID	DWR_NA0010_01_f_2020_95				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_95\_20210830\_00006.jpg



Several rodent holes observed in the landside slope. (Fall 2020)

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

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.45	Rating **	M	Issue No.	97
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.343243 °	37.343243 °
				-120.962159 °	-120.962159 °
DWR ID	DWR_NA0010_01_s_2021_97				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_97\_20210830\_00007.jpg



View of rodent burrows in the waterside slope. (Spring 2021)

LM Start	0.60	Rating **	M	Issue No.	1187	
LM End	0.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.341507 °	37.341507 °	
				-120.961283 °	-120.961283 °	
DWR ID	19583					
Comment Code						
Inspector Comment						
DS_ID:19583 FS_ID:64706 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. Rodent activity found near pipe location. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Recommend removing vegetation pile from waterward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.62), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.62), listed as a 24-inch CMP]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64706\_90537.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>1187 (cont)</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.341507 °	37.341507 °	
			-120.961283 °	-120.961283 °	
DWR ID	19583				

Photo 2 of 3 : UCIP\_FA\_2021\_64706\_90538.jpg



WS view: Flapgate and pipe visible on WS toe

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>1187 (cont)</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64706\_90535.jpg



WS view: Flapgate and headwall at WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>1188</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.339829 °	37.339829 °	
			-120.958621 °	-120.958621 °	
DWR ID	19584				

**Comment Code**

**Inspector Comment**

DS\_ID:19584  
FS\_ID:64842  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Rodent activity found near this stretch of levee. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.88), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.87), listed as a 24-inch CMP].  
FS Date: 10/6/2020

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>1188 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64842\_90541.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64842\_92306.jpg



WS view: overview of WS looking upstream towards pipe 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	<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>1188 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.339829 °	37.339829 °	
			-120.958621 °	-120.958621 °	
DWR ID	19584				

Photo 3 of 3 : UCIP\_FA\_2021\_64842\_90542.jpg



WS view: Flapgate and pipe visible on WS toe

LM Start	<b>0.93</b>	Rating **	U	Issue No.	<b>1189</b>
LM End	<b>0.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.339598 °	37.339598 °	
			-120.957202 °	-120.957202 °	
DWR ID	19585				

**Comment Code**

**Inspector Comment**

DS\_ID:19585  
 FS\_ID:64843  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 10/06/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Scour visible behind the concrete headwall on the LS toe. Recommend monitoring crossing until funding becomes available to addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Moderate erosion around headwall on landward toe. May or may not be an issue. Need to contact owner to determine status of crossing and to address erosion issue on landward side. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.96), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.95), listed as a 24-inch CMP].  
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64843\_90550.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.93</b>	Rating **	U	Issue No.	<b>1189 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.339598 °	37.339598 °	
			-120.957202 °	-120.957202 °	
DWR ID	19585				

Photo 2 of 3 : UCIP\_FA\_2021\_64843\_90552.jpg



LS view: Headwall visible on LS toe

LM Start	<b>0.93</b>	Rating **	U	Issue No.	<b>1189 (cont)</b>
LM End	<b>0.93</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64843\_90551.jpg



WS view: Flapgate, headwall, and pipe visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	1.15	Rating **	M	Issue No.	1190
LM End	1.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.338005 °	37.338005 °
				-120.953921 °	-120.953921 °
DWR ID	19586				

**Comment Code**

**Inspector Comment**

DS\_ID:19586  
FS\_ID:64699  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.18), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.17), listed as a 24-inch CMP].  
FS Date: 10/6/2020

LM Start	<b>1.15</b>	Rating **	M	Issue No.	<b>1190 (cont)</b>
LM End	<b>1.15</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64699\_90554.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64699\_90555.jpg



Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.15</b>	Rating **	M	Issue No.	<b>1190 (cont)</b>
LM End	<b>1.15</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.338005 °	37.338005 °	
			-120.953921 °	-120.953921 °	
DWR ID	19586				

Photo 3 of 3 : UCIP\_FA\_2021\_64699\_90553.jpg



Pipe, flapgate and headwall on WS toe

LM Start	<b>1.32</b>	Rating **	M	Issue No.	<b>1191</b>
LM End	<b>1.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.337361 °	37.337361 °	
			-120.950879 °	-120.950879 °	
DWR ID	19587				

**Comment Code**

**Inspector Comment**

DS\_ID:19587  
 FS\_ID:64700  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is still pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). Pipe crosses through the levee at about a 45 degree angle to the crown. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.35), listed as a 36-inch corrugated metal pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.34), listed as a 36-inch CMP].  
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64700\_90560.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.32</b>	Rating **	M	Issue No.	<b>1191 (cont)</b>
LM End	<b>1.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.337361 °	37.337361 °	
			-120.950879 °	-120.950879 °	
DWR ID	19587				

Photo 2 of 3 : UCIP\_FA\_2021\_64700\_90565.jpg



WS view: Overview of WS from levee crown. Headwall not visible from levee crown

LM Start	<b>1.32</b>	Rating **	M	Issue No.	<b>1191 (cont)</b>
LM End	<b>1.32</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64700\_90561.jpg



LS view: Concrete headwall and pipe visible at LS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	1.46	Rating **	M	Issue No.	1192	
LM End	1.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.336866 °	37.336866 °	
				-120.948520 °	-120.948520 °	
DWR ID	19588					
Comment Code						
Inspector Comment						
DS_ID:19588 FS_ID:64701 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Some sediment buildup inside pipe at LS toe. Recommend contacting owner to clear sediment buildup and check wall integrity through pipe section. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.48), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.48), listed as a 24-inch CMP]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64701\_90567.jpg



Overview of levee crown, looking US

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>1192 (cont)</b>
LM End	<b>1.46</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64701\_90568.jpg



Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>1192 (cont)</b>
LM End	<b>1.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.336866 °	37.336866 °	
			-120.948520 °	-120.948520 °	
DWR ID	19588				

Photo 3 of 3 : UCIP\_FA\_2021\_64701\_90570.jpg



Pipe and flapgate visible on WS toe

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>1193</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.336459 °	37.336459 °	
			-120.944803 °	-120.944803 °	
DWR ID	19589				

**Comment Code**

**Inspector Comment**

DS\_ID:19589  
FS\_ID:64844  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Dense vegetation was found along the WS and LS toe. Recommend removing vegetation along the pipe alignment. Based on the 2014 photos, the LS toe appears to be heavily silted up. Recommend removing silt to increase flow capacity and meet pipe design capacity. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Heavy sediment buildup in pipe at LS toe. (DWR UCIP - W. Wylie)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.69), listed as a 24-inch CMP].  
FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64844\_90572.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>1193 (cont)</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.336459 °	37.336459 °
				-120.944803 °	-120.944803 °
DWR ID	19589				

Photo 2 of 3 : UCIP\_FA\_2021\_64844\_90573.jpg



LS view: Pipe and headwall not visible on LS toe from levee crown

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>1193 (cont)</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64844\_90574.jpg



WS view: Flapgate and headwall not visible on WS toe from levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	1.81	Rating **	M	Issue No.	1194
LM End	1.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.335612 °	37.335612 °
				-120.942532 °	-120.942532 °
DWR ID	19590				

**Comment Code**

**Inspector Comment**

DS\_ID:19590  
FS\_ID:64845  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Dense vegetation was observed along the pipe alignment and both WS and LS toe. Recommend clearing vegetation along pipe alignment. (B. Singh - GEI, O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.84), listed as a 36-inch corrugated metal pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.83), listed as a 36-inch CMP].  
FS Date: 10/6/2020

LM Start	<b>1.81</b>	Rating **	M	Issue No.	<b>1194 (cont)</b>
LM End	<b>1.81</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64845\_90581.jpg



Overview of levee crown, looking upstream

Photo 2 of 3 : UCIP\_FA\_2021\_64845\_90583.jpg



LS view: Pipe and headwall are not visible at LS toe from levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.81</b>	Rating **	M	Issue No.	<b>1194 (cont)</b>
LM End	<b>1.81</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.335612 °	37.335612 °	
			-120.942532 °	-120.942532 °	
DWR ID	19590				

Photo 3 of 3 : UCIP\_FA\_2021\_64845\_90582.jpg



WS view: Pipe, flapgate, and headwall are not visible at WS toe from levee crown

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>1195</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.334377 °	37.334377 °	
			-120.940397 °	-120.940397 °	
DWR ID	19591				

**Comment Code**

**Inspector Comment**

DS\_ID:19591  
FS\_ID:64707  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 10/06/2020 Record remains Non-Urgent. Rodent activity found in the general area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Need to contact owner to determine crossing status. Inlet drop box silted in and needs to be cleaned out. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.98), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.98), listed as a 24-inch CMP].  
FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64707\_90611.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>1195 (cont)</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.334377 °	37.334377 °	
			-120.940397 °	-120.940397 °	
DWR ID	19591				

Photo 2 of 3 : UCIP\_FA\_2021\_64707\_90613.jpg



LS view: View toward LS pipe and headwall from levee crown

LM Start	<b>1.95</b>	Rating **	M	Issue No.	<b>1195 (cont)</b>
LM End	<b>1.95</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64707\_90615.jpg



LS view: Pipe and headwall at LS toe

LM Start	1.98	Rating **	M	Issue No.	99
LM End	1.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.334173 °	37.334173 °
				-120.939886 °	-120.939886 °
DWR ID	DWR_NA0010_01_s_2020_99				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows on both sides of the levee.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.06	Rating **	M	Issue No.	1196	
LM End	2.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.333653 °	37.333653 °	
				-120.938770 °	-120.938770 °	
DWR ID	19570					
Comment Code						
Inspector Comment						
DS_ID:19570 FS_ID:64708 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Recommend monitoring pipe crossing until funding becomes available for rehabilitation. Wooden barrier surrounding drop-inlet is dilapidated. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Unable to find inlet on landward toe. Recommend clearing vegetation on landward side to properly inspect inlet. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.08), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.08), listed as a 24-inch CMP]. FS Date: 10/6/2020						

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>1196 (cont)</b>
LM End	<b>2.06</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64708\_90617.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64708\_90618.jpg



WS view: Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>2.06</b>	Rating **	M	Issue No.	<b>1196 (cont)</b>
LM End	<b>2.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.333653 °	37.333653 °	
			-120.938770 °	-120.938770 °	
DWR ID	19570				

Photo 3 of 3 : UCIP\_FA\_2021\_64708\_90620.jpg



WS view: Pipe, flapgate, and headwall on WS toe

LM Start	2.20	Rating **	N	Issue No.	110
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.331820 °	37.331820 °
				-120.937605 °	-120.937605 °
DWR ID	DWR_NA0010_01_f _ 2018_110				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump on landside slope should be removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_110\_20210830\_00013.jpg



View of tree stump on the landside slope. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.22	Rating **	M	Issue No.	1197	
LM End	2.22	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.331611 °	37.331611 °	
				-120.937455 °	-120.937455 °	
DWR ID	19571					
Comment Code						
Inspector Comment						
DS_ID:19571 FS_ID:64709 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urget. Pipe angle through the levee. System description has been updated. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee at an angle, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.25), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.25), listed as a 36-inch CMP]. FS Date: 10/6/2020						

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>1197 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64709\_90625.jpg



Overview of levee crown, looking US. Pipe angled through levee at alignment shown

Photo 2 of 3 : UCIP\_FA\_2021\_64709\_90626.jpg



WS view: Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>1197 (cont)</b>
LM End	<b>2.22</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.331611 °	37.331611 °	
			-120.937455 °	-120.937455 °	
DWR ID	19571				

Photo 3 of 3 : UCIP\_FA\_2021\_64709\_90629.jpg



WS view: Pipe and slope on WS toe

LM Start	<b>2.50</b>	Rating **	M	Issue No.	<b>1198</b>
LM End	<b>2.50</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.328619 °	37.328619 °	
			-120.934369 °	-120.934369 °	
DWR ID	19572				

**Comment Code**

**Inspector Comment**

DS\_ID:19572  
 FS\_ID:64710  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 10/06/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.52), listed as 24-inch CMP].  
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64710\_90632.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>2.50</b>	Rating **	M	Issue No.	<b>1198 (cont)</b>
LM End	<b>2.50</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.328619 °	37.328619 °	
			-120.934369 °	-120.934369 °	
DWR ID	19572				

Photo 2 of 3 : UCIP\_FA\_2021\_64710\_90633.jpg



WS view: Pipe, headwall, and flapgate visible on WS toe

LM Start	<b>2.50</b>	Rating **	M	Issue No.	<b>1198 (cont)</b>
LM End	<b>2.50</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64710\_90635.jpg



WS view: Pipe, flapgate, and headwall on WS toe

LM Start	2.58	Rating **	A/W	Issue No.	113
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.327936 °	37.327936 °
				-120.933013 °	-120.933013 °
DWR ID	DWR_NA0010_01_f_2018_113				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
There is damage caused by vehicle traffic over the levee.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_113\_20210830\_00015.jpg



Slope damage by vehicle traffic. (Spring 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.67	Rating **	M	Issue No.	1199	
LM End	2.67	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.327362 °	37.327362 °	
				-120.931591 °	-120.931591 °	
DWR ID	19573					
Comment Code						
Inspector Comment						
DS_ID:19573 FS_ID:64711 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Sedimentation in pipe at landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.71), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.70), listed as a 24-inch CMP]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64711\_90637.jpg



Overview of levee crown, looking US

LM Start	<b>2.67</b>	Rating **	M	Issue No.	<b>1199 (cont)</b>
LM End	<b>2.67</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64711\_90638.jpg



WS view: Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.10	Rating **	M	Issue No.	115
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321903 °	37.321903 °
				-120.928748 °	-120.928748 °
DWR ID	DWR_NA0010_01_f_2018_115				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage caused by livestock traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_115\_20210830\_00017.jpg



View of erosion path looking downstream. (Fall 2018)

LM Start	3.13	Rating **	M	Issue No.	108
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321488 °	37.321488 °
				-120.928758 °	-120.928758 °
DWR ID	DWR_NA0010_01_s_2017_108				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage caused by animal traffic on landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_108\_20210830\_00012.jpg



View of landside slope damage by animal traffic. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.13	Rating **	M	Issue No.	1200
LM End	3.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.321444 °	37.321444 °
				-120.928764 °	-120.928764 °
DWR ID	19574				
Comment Code					
Inspector Comment					
DS_ID:19574 FS_ID:64712 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Some minor erosion around headwall on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.17), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.16), listed as a 36-inch CMP]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64712\_90644.jpg



Overview of levee crown, looking US

LM Start	<b>3.13</b>	Rating **	M	Issue No.	<b>1200 (cont)</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64712\_90645.jpg



WS view: Pipe and flapgate visible at WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.13</b>	Rating **	M	Issue No.	<b>1200 (cont)</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.321444 °	37.321444 °	
			-120.928764 °	-120.928764 °	
DWR ID	19574				

Photo 3 of 3 : UCIP\_FA\_2021\_64712\_90646.jpg



WS view: Pipe, flapgate, and headwall at WS toe

LM Start	3.16	Rating **	A/W	Issue No.	10
LM End	3.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321053 °	37.321053 °
				-120.928785 °	-120.928785 °
DWR ID	DWR_NA0010_01_s_2012_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_10\_20210830\_00004.jpg



Looking at typical view of rodent holes on landward slope.

LM Start	3.18	Rating **	M	Issue No.	116
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.320725 °	37.320725 °
				-120.928837 °	-120.928837 °
DWR ID	DWR_NA0010_01_f_2018_116				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes noted in this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_116\_20210830\_00018.jpg



View of landside slope with rodent holes. (Fall 2018)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.23	Rating **	M	Issue No.	117
LM End	3.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.320029 °	37.311311 °
				-120.928556 °	-120.927310 °
DWR ID	DWR_NA0010_01_f_2018_117				
Comment Code					
DT : Ditch					
Inspector Comment					
Earthen ditch along landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_117\_20210830\_00019.jpg



Earthen ditch along landside toe. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.47	Rating **	U	Issue No.	1201	
LM End	3.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.317116 °	37.317116 °	
				-120.926451 °	-120.926451 °	
DWR ID	19575					
Comment Code						
Inspector Comment						
DS_ID:19575 FS_ID:64713 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 10/06/2020 Record remains Urgent. Sinkhole present directly above the LS headwall and along pipe alignment. Pipe collapse visible from from the LS toe. Erosion present on the WS just behind the flap gate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled in 2021. (B. Singh - GEI, O. Magana - DWR UCIP)11/01/2018 Pipe continues to rust through, causing the pipe to collapse on the LS. Sediment buildup visible from the LS inlet. Loss of soil just above the LS concrete headwall and along the LS slope. Crossing remains Urgent due to the levee slope issues and pipe failure through the levee. (O. Magana - DWR UCIP)07/19/2016 Same as previous inspection. Erosion present on LS slope. (O. Magana - DWR UCIP)04/08/2014 Pipe rusted through at Springline on LS toe. Flapgate blocked by sediment on WS toe. Heavy sediment on both ends of pipe. Need to contact owner to address issues. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.50), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.50), listed as a 36-inch CMP]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64713\_90588.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.47</b>	Rating **	U	Issue No.	<b>1201 (cont)</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.317116 °	37.317116 °	
			-120.926451 °	-120.926451 °	
DWR ID	19575				

Photo 2 of 3 : UCIP\_FA\_2021\_64713\_90589.jpg



WS view: Pipe and flapgate not visible on WS toe due to vegetation

LM Start	<b>3.47</b>	Rating **	U	Issue No.	<b>1201 (cont)</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64713\_92310.jpg



WS view: through the dense vegetation the pipe and red flap gate are visible.

LM Start	3.87	Rating **	U	Issue No.	2
LM End	3.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.311798 °	37.311341 °
				-120.927670 °	-120.927365 °
DWR ID	DWR_NA0010_01_s_2012_2				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows are along this section of the levee.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_2\_20210830\_00001.jpg



View of rodent burrows in this section looking downstream. (Fall 2019)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.92	Rating **	U	Issue No.	1202
LM End	3.92	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.311178 °	37.311178 °
				-120.927007 °	-120.927007 °
DWR ID	19576				
Comment Code					
Inspector Comment					
DS_ID:19576 FS_ID:64846 EP_NO: N/A Repair Type: Urgent EVAL Issue: Flood Risk Crossing Status: Found UCIP Comments: 10/06/2020 Record updated from Non-Urgent to Urgent. Heavy siltation through the length of the pipe was observed and recommend removal. Flap gate is missing on the WS toe. Recommend adding flap gate to prevent flooding from the WS to the LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Pipe goes through the levee at an angle. System description has been updated to include angled pipe information.(B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Slide gate missing from WS. No closure device, but degrading of levee at Highway 140 is lower than pipe, so this does not appear to be a critical issue. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee at an angle, 3.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.95), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.95), listed as a 30-inch CMP]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64846\_90650.jpg



Overview of levee crown, looking US. Angled pipe alignment through levee crown approximated.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.92</b>	Rating **	U	Issue No.	<b>1202 (cont)</b>
LM End	<b>3.92</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.311178 °	37.311178 °	
			-120.927007 °	-120.927007 °	
DWR ID	19576				

Photo 2 of 3 : UCIP\_FA\_2021\_64846\_90651.jpg



WS view: View toward WS toe. Pipe not visible.

LM Start	<b>3.92</b>	Rating **	U	Issue No.	<b>1202 (cont)</b>
LM End	<b>3.92</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64846\_90652.jpg



WS view: Heavy siltation at WS invert. Pipe flapgate missing at WS toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.93	Rating **	M	Issue No.	1203
LM End	3.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.311157 °	37.311157 °
				-120.926919 °	-120.926919 °
DWR ID	19606				

**Comment Code**

**Inspector Comment**

DS\_ID:19606  
FS\_ID:64847  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Indicator Found  
UCIP Comments: 10/06/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Unable to confirm alignment of pipe through the levee. Need to contact owner to determine status update on this pipe. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Need to contact owner to determine status of crossing inlet and outlet not found. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 12-inch reinforced concrete irrigation discharge pipe through the levee, 3.5 feet below the crown. 12-inch concrete standpipe off each side of the levee. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.96), listed as a 12-inch concrete pipe].  
FS Date: 10/6/2020

LM Start	<b>3.93</b>	Rating **	M	Issue No.	<b>1203 (cont)</b>
LM End	<b>3.93</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64847\_90656.jpg



Overview of 12-inch standpipe at WS toe

Photo 2 of 3 : UCIP\_FA\_2021\_64847\_90657.jpg



Overview of WS slope and levee crown, looking US.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.93</b>	Rating **	M	Issue No.	<b>1203 (cont)</b>
LM End	<b>3.93</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.311157 °	37.311157 °	
			-120.926919 °	-120.926919 °	
DWR ID	19606				

Photo 3 of 3 : UCIP\_FA\_2021\_64847\_92329.jpg



WS view: overview of WS slope looking towards crossings.

LM Start	3.98	Rating **	U	Issue No.	5
LM End	4.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.310837 °	37.310003 °
				-120.926182 °	-120.925313 °
DWR ID	DWR_NA0010_01_s_2012_5				
Comment Code					
DT : Ditch					
Inspector Comment					
Irrigation ditch at landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_5\_20210830\_00002.jpg



Looking south at irrigation ditch at the landside toe. (Fall 2020)

LM Start	3.99	Rating **	M	Issue No.	118
LM End	4.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.310693 °	37.307895 °
				-120.926024 °	-120.922935 °
DWR ID	DWR_NA0010_01_f_2018_118				
Comment Code					
FE : Fence					
Inspector Comment					
Fence along landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_118\_20210830\_00020.jpg



View of fence on the landside shoulder and toe. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	1204	
LM End	4.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.309080 °	37.309080 °	
				-120.924442 °	-120.924442 °	
DWR ID	19607					
Comment Code						
Inspector Comment						
DS_ID:19607 FS_ID:64848 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Barbed wire prevented access to the pipe located on the LS toe. Unpermitted modifications were made to the structure. There appears to be multiple crossings at this location, two 12-inch pipes and 48-inch refurbished pipe. Recommend adding new DSID for the second 12-inch pipe found during field inspection. Portion of concrete headwall visible on the WS toe that corresponds to 48-inch pipe. Recommend contacting owner to determine status of structure and obtain as-builts. No permit was found authorizing these encroachments. CVFPB will need to review crossing to determine owner(s). (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Pipe appears sleeved with a 12-inch steel pipe with a slide gate at the LS toe. No identified authorization for changes to this crossing. Need to contact owner to obtain additional information about the modifications to crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.16), listed as a 48-inch pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.16), listed as a 48-inch corrugated metal pipe (CMP)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64848\_90661.jpg



Overview of levee crown showing location of burrow hole and alignment of unauthorized 12" pipe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	1204 (cont)
LM End	4.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.309080 °	37.309080 °
				-120.924442 °	-120.924442 °
DWR ID	19607				

Photo 2 of 3 : UCIP\_FA\_2021\_64848\_90659.jpg



LS view: View toward LS toe from levee crown

LM Start	<b>4.13</b>	Rating **	M	Issue No.	<b>1204 (cont)</b>
LM End	<b>4.13</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64848\_90660.jpg



WS view: View toward WS toe from levee crown

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	1205	
LM End	4.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.309063 °	37.309063 °	
				-120.924449 °	-120.924449 °	
DWR ID	24866					
Comment Code						
Inspector Comment						
DS_ID:24866 FS_ID:64849 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Barbed wire prevented access to the pipe located on the LS toe. Unpermitted modifications were made to the structure. There appears to be multiple crossings at this location, two 12-inch pipes and 48-inch refurbished pipe. Recommend contacting owner to determine status of structure and obtain as-builts. No permit was found authorizing these encroachments. CVFPB will need to review crossing to determine owner(s). (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Need to contact owner to get details of crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel drainage discharge pipe through the levee, 2.5 feet below the crown. 12-inch steel pipe, vent, and pump on stand visible on the landside (LS) slope. 10-inch polyvinyl chloride (PVC) pipe visible on the waterside (WS) slope. FS Date: 10/20/2020						

LM Start	<b>4.13</b>	Rating **	M	Issue No.	<b>1205 (cont)</b>
LM End	<b>4.13</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64849\_92354.jpg



Overview of levee crown looking upstream towards crossings.

Photo 2 of 3 : UCIP\_FA\_2021\_64849\_92356.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>4.13</b>	Rating **	M	Issue No.	<b>1205 (cont)</b>
LM End	<b>4.13</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.309063 °	37.309063 °
				-120.924449 °	-120.924449 °
DWR ID	24866				

Photo 3 of 3 : UCIP\_FA\_2021\_64849\_92355.jpg



LS view: overview of LS

LM Start	4.18	Rating **	M	Issue No.	105
LM End	4.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.308458 °	37.308458 °
				-120.923942 °	-120.923942 °
DWR ID	DWR_NA0010_01_f _ 2017_105				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted at this location.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	4.25	Rating **	M	Issue No.	1206
LM End	4.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.307930 °	37.307930 °
				-120.923057 °	-120.923057 °
DWR ID	19608				

**Comment Code**

**Inspector Comment**

DS\_ID:19608  
FS\_ID:64850  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/20/2020 Record remains Non-Urgent. Fence and dense vegetation prevented full inspection along the WS and LS slopes. Burrowing observed on LS and WS slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation and fence limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward side. Recommend obtaining access to landward toe and removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.27), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.27), listed as a 24-inch CMP].  
FS Date: 10/20/2020

LM Start	<b>4.25</b>	Rating **	M	Issue No.	<b>1206 (cont)</b>
LM End	<b>4.25</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64850\_90668.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64850\_90670.jpg



LS view: View toward LS toe from levee crown

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>4.25</b>	Rating **	M	Issue No.	<b>1206 (cont)</b>
LM End	<b>4.25</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.307930 °	37.307930 °
				-120.923057 °	-120.923057 °
DWR ID	19608				

Photo 3 of 3 : UCIP\_FA\_2021\_64850\_90669.jpg



WS view: View toward WS toe from levee crown

LM Start	4.26	Rating **	M	Issue No.	102
LM End	4.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.307826 °	37.307826 °
				-120.922735 °	-120.922735 °
DWR ID	DWR_NA0010_01_s_2019_102				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>4.69</b>	Rating **	U	Issue No.	<b>1207</b>
LM End	<b>4.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.302408 °	37.302408 °	
			-120.920931 °	-120.920931 °	
DWR ID	19609				

**Comment Code**

**Inspector Comment**

DS\_ID:19609  
FS\_ID:64720  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF, between 5 and 6. Crossing will be monitored until funding becomes available to address. Evidence of the landslide visible on the LS slope from the levee crown. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.73), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.72), listed as a 24-inch CMP].  
FS Date: 10/20/2020

LM Start	<b>4.69</b>	Rating **	U	Issue No.	<b>1207 (cont)</b>
LM End	<b>4.69</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64720\_90676.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64720\_90678.jpg



WS view: Pipe and flapgate visible at WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>4.69</b>	Rating **	U	Issue No.	<b>1207 (cont)</b>
LM End	<b>4.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.302408 °	37.302408 °	
			-120.920931 °	-120.920931 °	
DWR ID	19609				

Photo 3 of 3 : UCIP\_FA\_2021\_64720\_90679.jpg



WS view: Pipe and flapgate at WS toe

LM Start	4.69	Rating **	A/W	Issue No.	9
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.302398 °	37.302398 °
				-120.920920 °	-120.920920 °
DWR ID	DWR_NA0010_01_s_2013_9				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage has been repaired. Backfill appears loosely compacted, monitor for potential settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_9\_20210830\_00003.jpg



View of repaired slope damage on the landside. (Spring 2021)

LM Start	4.77	Rating **	M	Issue No.	107
LM End	5.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.301269 °	37.300396 °
				-120.920660 °	-120.912625 °
DWR ID	DWR_NA0010_01_s_2019_107				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch it roughly 8-15 ft away from levee toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_107\_20210830\_00011.jpg



Looking upstream at an irrigation ditch along the landside toe. (Spring 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	5.02	Rating **	M	Issue No.	1208
LM End	5.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.298917 °	37.298917 °
				-120.917262 °	-120.917262 °
DWR ID	19610				
Comment Code					
Inspector Comment					
DS_ID:19610 FS_ID:64851 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Unable to locate inlet on the LS toe. Ditch runs along the LS toe. Ditch was running full and no signs of pipe inlet were visible. This pipe appears to be non-functional--only WS pipe outlet found. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Non-functional -- sediment buildup against flapgate and inlet buried at landward side. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). Ditch located along the LS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.05), listed as a 24-inch CMP]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64851\_90682.jpg



Overview of levee crown, looking US

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>1208 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64851\_90684.jpg



WS view: Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>1208 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.298917 °	37.298917 °	
			-120.917262 °	-120.917262 °	
DWR ID	19610				

Photo 3 of 3 : UCIP\_FA\_2021\_64851\_90683.jpg



LS view: Pipe and headwall not visible at LS toe from levee crown

LM Start	5.72	Rating **	M	Issue No.	125
LM End	6.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.304074 °	37.304098 °
				-120.907149 °	-120.893902 °
DWR ID	DWR_NA0010_01_f_2021_125				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_125\_20210927\_00293.jpg



Looking upstream along the waterside slope. (Fall 2021)

LM Start	5.72	Rating **	M	Issue No.	126
LM End	6.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.304080 °	37.301996 °
				-120.907138 °	-120.887665 °
DWR ID	DWR_NA0010_01_f_2021_126				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_126\_20210927\_00294.jpg



View of the landside slope looking upstream. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	5.92	Rating **	M	Issue No.	1209	
LM End	5.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.303612 °	37.303612 °	
				-120.903704 °	-120.903704 °	
DWR ID	19611					
Comment Code						
Inspector Comment						
DS_ID:19611 FS_ID:64852 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Depression observed across levee crown, less than 6 inches in depth. Pipe inlet located at the LS toe is completely blocked by soil. This crossing is non-functional. Recommend evaluating the purpose of this drainage structure. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Recommend reviewing DMP's internal inspection when completed to investigate reason for depression across the levee crown. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Landward side filled in with soil. Need to contact owner. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.96), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.95), listed as a 24-inch CMP]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64852\_90689.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	5.92	Rating **	M	Issue No.	1209 (cont)
LM End	5.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.303612 °	37.303612 °
				-120.903704 °	-120.903704 °
DWR ID	19611				

Photo 2 of 3 : UCIP\_FA\_2021\_64852\_90691.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	<b>5.92</b>	Rating **	M	Issue No.	<b>1209 (cont)</b>
LM End	<b>5.92</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64852\_90690.jpg



LS view: View of LS toe from levee crown. Pipe and headwall not visible

<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**

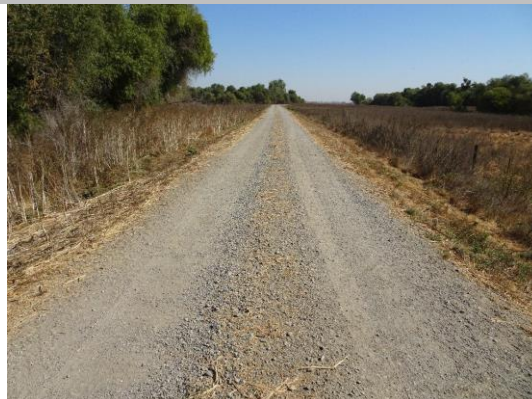
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	6.10	Rating **	M	Issue No.	1210
LM End	6.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304232 °	37.304232 °
				-120.900706 °	-120.900706 °
DWR ID	19612				
Comment Code					
Inspector Comment					
DS_ID:19612 FS_ID:64723 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Scour is still present on both sides of the concrete LS headwall. Dense vegetation prevented updates on the scour progression along the LS slope. Recommend re-inspecting pipe when vegetation is removed. Unable to access to WS outlet due to wired fence. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Pipe completely blocked by soil on LS toe due to animal activity. Slide gate blocked open. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage through the levee, 13.1 feet below the crown. Walkway to slide gate at the concrete headwall on the landside (LS) toe. Flap gate at the concrete headwall on the waterside (WS) toe. Brass cap No. 90 bench mark (BM) on the headwall on the LS. Pipe crosses the levee at an angle. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.13), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.13), listed as a 48-inch CMP]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64723\_90696.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>6.10</b>	Rating **	M	Issue No.	<b>1210 (cont)</b>
LM End	<b>6.10</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.304232 °	37.304232 °	
			-120.900706 °	-120.900706 °	
DWR ID	19612				

Photo 2 of 3 : UCIP\_FA\_2021\_64723\_90698.jpg



WS view: View of WS toe from levee crown. Headwall, pipe, and flapgate not visible from levee crown.

LM Start	<b>6.10</b>	Rating **	M	Issue No.	<b>1210 (cont)</b>
LM End	<b>6.10</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64723\_90695.jpg



WS view: Levee slope from WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>6.39</b>	Rating **	M	Issue No.	<b>1211</b>
LM End	<b>6.39</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.304459 °	37.304459 °	
			-120.895863 °	-120.895863 °	
DWR ID	19613				

**Comment Code**

**Inspector Comment**

DS\_ID:19613  
FS\_ID:64729  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/20/2020 Record remains Non-Urgent. Dense vegetation on WS toe, recommend removal for proper inspection. Minor surface erosion visible on the LS toe near the standpipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end next to a 48-inch concrete riser with walkway over the top. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.44), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.40), listed as a 24-inch CMP].  
FS Date: 10/20/2020

LM Start	<b>6.39</b>	Rating **	M	Issue No.	<b>1211 (cont)</b>
LM End	<b>6.39</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64729\_90702.jpg



Overview of levee crown, looking upstream

Photo 2 of 3 : UCIP\_FA\_2021\_64729\_90705.jpg



WS view: Headwall not visible on WS toe due to dense vegetation

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>6.39</b>	Rating **	M	Issue No.	<b>1211 (cont)</b>
LM End	<b>6.39</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.304459 °	37.304459 °
				-120.895863 °	-120.895863 °
DWR ID	19613				

Photo 3 of 3 : UCIP\_FA\_2021\_64729\_90706.jpg



WS view: Inspection of WS headwall, pipe, and flapgate inhibited by dense vegetation

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	1212	
LM End	6.61	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.303815 °	37.303815 °	
				-120.891955 °	-120.891955 °	
DWR ID	19614					
Comment Code						
Inspector Comment						
DS_ID:19614 FS_ID:64730 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Dense vegetation inhibits inspection of the pipe on the LS toe, and both slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)7/19/2016 Same as previous inspection. Outlet and inlet are under water. (O. Magana - DWR UCIP)4/08/2014 Flapgate blocked by sedimentation at WS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Also recommend clearing vegetation from both waterward and landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Wooden fence around a 4-foot by 4-foot drop inlet on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.64), listed as a 24-inch CMP]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64730\_90712.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	1212 (cont)	
LM End	6.61	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.303815 °	37.303815 °	
				-120.891955 °	-120.891955 °	
DWR ID	19614					

Photo 2 of 3 : UCIP\_FA\_2021\_64730\_90713.jpg



LS view: Dense vegetation on LS limiting view of wooden barrier around drop-inlet.

LM Start	<b>6.61</b>	Rating **	M	Issue No.	<b>1212 (cont)</b>
LM End	<b>6.61</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64730\_90707.jpg



LS view: LS slope from LS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	1213
LM End	6.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302098 °	37.302098 °
				-120.887943 °	-120.887943 °
DWR ID	19615				
Comment Code					
Inspector Comment					
DS_ID:19615 FS_ID:64853 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. Heavy corrosion present with visible holes found at the WS outlet near flap gate. Surface erosion present on the LS slope just upstream of slide gate. Evidence of surface erosion on the WS slope (vertical slope) was present approximately 15 feet downstream of the pipe. Plastic sheeting has been placed to prevent further erosion by LMA (assumed). Recommend notifying DWR Levee Inspector to monitor progress of surface erosion on the WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)07/19/2016 Potential LS slope damage--difficult to determine due to dense vegetation. Limited access on WS toe due to wire fence. (O. Magana - DWR UCIP)04/08/2014 Slide gate blocked by debris at LS toe. Flapgate won't close because of debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Slide gate on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.90), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.90), listed as a 36-inch CMP]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64853\_90726.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	1213 (cont)
LM End	6.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302098 °	37.302098 °
				-120.887943 °	-120.887943 °
DWR ID	19615				

Photo 2 of 3 : UCIP\_FA\_2021\_64853\_92389.jpg



WS view: overview of WS.

LM Start	<b>6.86</b>	Rating **	U	Issue No.	<b>1213 (cont)</b>
LM End	<b>6.86</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64853\_90727.jpg



LS view: Pipe slidegate visible at LS toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	7.18	Rating **	U	Issue No.	1214
LM End	7.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.300055 °	37.300055 °
				-120.882939 °	-120.882939 °
DWR ID	19616				

**Comment Code**

**Inspector Comment**

DS\_ID:19616  
FS\_ID:64733  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 10/20/2020 Record remains Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Pipe deeply corroded. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)11/01/2018 Pipe continues to corrode through. Voids (undermining) along pipe invert are visible from the LS. Potential undermining caused by erosion under concrete apron on the WS. Crossing remains Urgent due to the pipe failure. (O. Magana - DWR UCIP)04/08/2014 Pipe failing and corroded through at LS toe. Need to contact owner to determine status of crossing. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.22), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.21), listed as a 24-inch CMP].  
FS Date: 10/20/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64733\_90715.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>7.18</b>	Rating **	U	Issue No.	<b>1214 (cont)</b>
LM End	<b>7.18</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.300055 °	37.300055 °	
			-120.882939 °	-120.882939 °	
DWR ID	19616				

Photo 2 of 3 : UCIP\_FA\_2021\_64733\_90717.jpg



WS view: Pipe and flapgate at WS toe not visible from levee crown due to vegetation.

LM Start	<b>7.18</b>	Rating **	U	Issue No.	<b>1214 (cont)</b>
LM End	<b>7.18</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64733\_90721.jpg



WS view: Pipe, flapgate, and headwall at WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	7.29	Rating **	M	Issue No.	1215	
LM End	7.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.299931 °	37.299931 °	
				-120.880947 °	-120.880947 °	
DWR ID	19617					
Comment Code						
Inspector Comment						
DS_ID:19617 FS_ID:64854 EP_NO: 4425 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. Additional structures (standpipes) located about 700 feet from levee crown. Due to safety concerns (lone worker), unable to access additional appurtenances located about 700 feet out from WS toe. Recommend having next UCIP inspector take close up photos of the structure located on the WS (riverbank). Recommend contacting owner to determine alignment of pipe through the levee and current status of pipe. The close-up photo of the structures near the riverbank show multiple concrete risers and control panel connected to power. Need to confirm current status of pipe. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Recommend contacting owner to determine status of crossing. No pump was found on waterward side (riverbank). If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch concrete encased steel irrigation discharge pipe through the levee, 13.6 feet below the crown. Pipe encased in 6-inches of concrete through the levee. 5-foot by 7-foot concrete distribution box on the waterside (WS). 20-inch concrete standpipe at the landside (LS) toe. Pump on the riverbank, accessible by walkway platform. Concrete cutoff walls around pipe in line with the levee shoulders. Pipe extends to 36-inch concrete pipes on both sides of the levee. (Plans to install an irrigation pipeline through the levee authorized under Permit No. 4425, 1964 - James J. Stevinson, a Corporation). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.33), listed as a 24-inch pipe]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64854\_90731.jpg



Overview of levee, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>7.29</b>	Rating **	M	Issue No.	<b>1215 (cont)</b>
LM End	<b>7.29</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.299931 °	37.299931 °	
			-120.880947 °	-120.880947 °	
DWR ID	19617				

Photo 2 of 3 : UCIP\_FA\_2021\_64854\_90732.jpg



LS view: Concrete standpipe near LS toe

LM Start	<b>7.29</b>	Rating **	M	Issue No.	<b>1215 (cont)</b>
LM End	<b>7.29</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64854\_90733.jpg



WS view: Concrete box riser at WS toe.

LM Start	7.36	Rating **	M	Issue No.	127
LM End	7.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.299849 °	37.298513 °
				-120.879518 °	-120.871315 °
DWR ID	DWR_NA0010_01_f_2021_127				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	7.42	Rating **	U	Issue No.	1216	
LM End	7.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.299817 °	37.299817 °	
				-120.878519 °	-120.878519 °	
DWR ID	19618					
Comment Code						
Inspector Comment						
DS_ID:19618 FS_ID:64855 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. Topography of WS toe has changed over time with sediment build-up preventing proper drainage. At the pipe outlet there is a gradual ground elevation change that causes the water to pond against the flap gate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.46), listed as a corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.46), listed as a 24-inch CMP]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64855\_90738.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>7.42</b>	Rating **	U	Issue No.	<b>1216 (cont)</b>
LM End	<b>7.42</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.299817 °	37.299817 °	
			-120.878519 °	-120.878519 °	
DWR ID	19618				

Photo 2 of 3 : UCIP\_FA\_2021\_64855\_90739.jpg



LS view: Headwall not visible at LS toe from levee crown due to vegetation

LM Start	<b>7.42</b>	Rating **	U	Issue No.	<b>1216 (cont)</b>
LM End	<b>7.42</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64855\_90740.jpg



WS view: Flapgate visible at WS toe

LM Start	7.62	Rating **	M	Issue No.	128
LM End	7.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.299313 °	37.298510 °
				-120.874931 °	-120.871317 °
DWR ID	DWR_NA0010_01_f_2021_128				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	7.65	Rating **	U	Issue No.	1217
LM End	7.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299211 °	37.299211 °
				-120.874415 °	-120.874415 °
DWR ID	19619				
Comment Code					
Inspector Comment					
DS_ID:19619 FS_ID:64736 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from Non-Urgent to Urgent. Sloughing observed on the LS slope above headwall. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.69), listed as a 24-inch CMP]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64736\_90744.jpg



Overview of levee crown, looking US

LM Start	<b>7.65</b>	Rating **	U	Issue No.	<b>1217 (cont)</b>
LM End	<b>7.65</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64736\_90746.jpg



WS view: View toward WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>7.65</b>	Rating **	U	Issue No.	<b>1217 (cont)</b>
LM End	<b>7.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.299211 °	37.299211 °	
			-120.874415 °	-120.874415 °	
DWR ID	19619				

Photo 3 of 3 : UCIP\_FA\_2021\_64736\_90743.jpg



WS view: Pipe, headwall, and flapgate on WS toe

LM Start	<b>8.03</b>	Rating **	M	Issue No.	<b>1218</b>
LM End	<b>8.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.298711 °	37.298711 °	
			-120.867756 °	-120.867756 °	
DWR ID	19620				

**Comment Code**

**Inspector Comment**

DS\_ID:19620  
FS\_ID:64856  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 10/20/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Corrosion in pipe visible on the LS toe. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.09), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.07), listed as a 24-inch CMP].  
FS Date: 10/20/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64856\_92400.jpg



Overview of levee crown, looking U/S from several hundred feet away from 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>8.03</b>	Rating **	M	Issue No.	<b>1218 (cont)</b>
LM End	<b>8.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.298711 °	37.298711 °	
			-120.867756 °	-120.867756 °	
DWR ID	19620				

Photo 2 of 3 : UCIP\_FA\_2021\_64856\_90750.jpg



Overview of levee crown, looking US

LM Start	<b>8.03</b>	Rating **	M	Issue No.	<b>1218 (cont)</b>
LM End	<b>8.03</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64856\_90751.jpg



LS toe from levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.38	Rating **	M	Issue No.	1219
LM End	8.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296637 °	37.296637 °
				-120.861994 °	-120.861994 °
DWR ID	19621				
Comment Code					
Inspector Comment					
DS_ID:19621 FS_ID:64857 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup at landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.41), listed as a 24-inch CMP]. FS Date: 10/20/2020					

LM Start	<b>8.38</b>	Rating **	M	Issue No.	<b>1219 (cont)</b>
LM End	<b>8.38</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64857\_90757.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64857\_90758.jpg



LS view: View of LS toe from levee crown

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>8.38</b>	Rating **	M	Issue No.	<b>1219 (cont)</b>
LM End	<b>8.38</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296637 °	37.296637 °
				-120.861994 °	-120.861994 °
DWR ID	19621				

Photo 3 of 3 : UCIP\_FA\_2021\_64857\_92416.jpg



LS view: overview of LS slope profile.

LM Start	8.55	Rating **	M	Issue No.	12
LM End	8.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.296489 °	37.296764 °
				-120.859081 °	-120.857635 °
DWR ID	DWR_NA0010_01_s_2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes observed along this section.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.57	Rating **	M	Issue No.	1220	
LM End	8.57	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.296552 °	37.296552 °	
				-120.858596 °	-120.858596 °	
DWR ID	19622					
Comment Code						
Inspector Comment						
DS_ID:19622 FS_ID:64743 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/20/2020 Record has been updated from No Action Needed to Non-Urgent. Large burrow hole observed approximately 100 feet downstream of the pipe, on LS shoulder of the levee crown. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.62), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.61), listed as a 24-inch CMP]. FS Date: 10/20/2020						

LM Start	<b>8.57</b>	Rating **	M	Issue No.	<b>1220 (cont)</b>
LM End	<b>8.57</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64743\_90770.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64743\_90772.jpg



WS view: Pipe and flapgate visible on WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>8.57</b>	Rating **	M	Issue No.	<b>1220 (cont)</b>
LM End	<b>8.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.296552 °	37.296552 °	
			-120.858596 °	-120.858596 °	
DWR ID	19622				

Photo 3 of 3 : UCIP\_FA\_2021\_64743\_90767.jpg



WS view: Slope WS pipe and flapgate

LM Start	<b>8.89</b>	Rating **	M	Issue No.	<b>1221</b>
LM End	<b>8.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.297296 °	37.297296 °	
			-120.852871 °	-120.852871 °	
DWR ID	19623				

**Comment Code**

**Inspector Comment**

DS\_ID:19623  
 FS\_ID:64740  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 10/20/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.95), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.93), listed as a 24-inch CMP].  
 FS Date: 10/20/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64740\_90778.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.89	Rating **	M	Issue No.	1221 (cont)
LM End	8.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.297296 °	37.297296 °
				-120.852871 °	-120.852871 °
DWR ID	19623				

Photo 2 of 3 : UCIP\_FA\_2021\_64740\_90780.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	<b>8.89</b>	Rating **	M	Issue No.	<b>1221 (cont)</b>
LM End	<b>8.89</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64740\_90776.jpg



WS view: Pipe, flapgate, and headwall at WS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.97	Rating **	U	Issue No.	1222
LM End	8.97	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.297423 °	37.297423 °
				-120.851575 °	-120.851575 °
DWR ID	19624				
Comment Code					
Inspector Comment					
DS_ID:19624 FS_ID:64741 EP_NO: 12156 Repair Type: Urgent EVAL Issue: Flood Risk Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Urgent. There is no operating gate that will prevent flows from the WS to LS. Dense vegetation prevented a full inspection of this crossing. Need to contact owner to clear the dense vegetation on both the WS and the LS to be able to perform proper inspection of crossing. DWR DMP has completed a geophysical study in this area and plans to complete an internal inspection of this pipe. The pipe is scheduled for an internal inspection in 2021. (B. Singh - GEI, O. Magana - DWR UCIP)11/01/2018 Dense vegetation prevented a full inspection of this crossing. Assumed crossing remains the same as the 2016 inspection. Crossing remains Urgent due to signs of pipe being rusted through visible from the WS. Need to contact owner to clear the dense vegetation on both the WS and the LS to be able to perform proper inspection of crossing. (O. Magana - DWR UCIP)07/19/2016 same as previous inspection--pipe rusted through. Sediment visible inside LS pipe; walkway wood panels have dry rot and appears to be unsafe to use. (O. Magana - DWR UCIP)04/09/2014 Slide gate rusted through and open on WS toe. Inlet appears to be obscured or covered in soil at LS toe. Also dense vegetation on waterward and landward sides. Need to contact owner to contact CVFPB to address issue. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 26-inch steel pipe sleeved through a 30-inch reinforced concrete gravity drainage pipe through the levee, 7.3 feet below the crown. Annular space grouted between the two pipes. Two concrete cutoff walls in the center of the levee. Slide gate with elevated walkway access on the waterside (WS) end. 6-inch thick concrete headwall on the WS end. Concrete wing walls on each end. (Plans to install a 30-inch storm drainage pipe with a valve through the levee authorized under Permit No. 12156, 1977 - Merquin County Water District). (Additional Related Permit(s): Permit No. 12156-A, 1978 - Merquin County Water District). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.01), listed as a 30-inch concrete pipe]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64741\_90783.jpg



LS view: View of LS toe from levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>8.97</b>	Rating **	U	Issue No.	<b>1222 (cont)</b>
LM End	<b>8.97</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.297423 °	37.297423 °	
			-120.851575 °	-120.851575 °	
DWR ID	19624				

Photo 2 of 3 : UCIP\_FA\_2021\_64741\_92418.jpg



LS view: concrete headwall slightly visible on LS.

LM Start	<b>8.97</b>	Rating **	U	Issue No.	<b>1222 (cont)</b>
LM End	<b>8.97</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64741\_92419.jpg



LS view: dense vegetation prevented visible evidence of inlets.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	1223	
LM End	8.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.297425 °		37.297425 °
				-120.851522 °		-120.851522 °
DWR ID	19625					
Comment Code						
Inspector Comment						
DS_ID:19625 FS_ID:64742 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/20/2020 Record remains Non-Urgent. As in previous inspection, dense vegetation inhibited proper inspection of the pipe and slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Some sediment buildup in pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.01), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.00), listed as a 36-inch CMP]. FS Date: 10/20/2020						

LM Start	<b>8.97</b>	Rating **	M	Issue No.	<b>1223 (cont)</b>
LM End	<b>8.97</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64742\_90789.jpg



LS view: View toward LS toe. Headwall not visible due to high vegetation.

Photo 2 of 3 : UCIP\_FA\_2021\_64742\_90790.jpg



LS view: Headwall not visible due to high vegetation on LS toe and slope

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>8.97</b>	Rating **	M	Issue No.	<b>1223 (cont)</b>
LM End	<b>8.97</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.297425 °	37.297425 °	
			-120.851522 °	-120.851522 °	
DWR ID	19625				

Photo 3 of 3 : UCIP\_FA\_2021\_64742\_90791.jpg



WS view: Pipe visible at WS toe, but low accessibility due to vegetation.

LM Start	<b>8.99</b>	Rating **	M	Issue No.	<b>1224</b>
LM End	<b>8.99</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.297488 °	37.297488 °	
			-120.851157 °	-120.851157 °	
DWR ID	19626				

**Comment Code**

**Inspector Comment**

DS\_ID:19626  
FS\_ID:64744  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited proper inspection of pipe condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.03), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.03), listed as a 24-inch CMP].  
FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64744\_90906.jpg



Overview of levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	8.99	Rating **	M	Issue No.	1224 (cont)	
LM End	8.99	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.297488 °	37.297488 °	
				-120.851157 °	-120.851157 °	
DWR ID	19626					

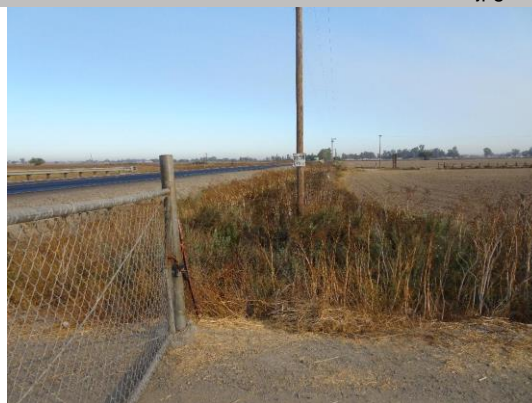
Photo 2 of 3 : UCIP\_FA\_2021\_64744\_92421.jpg



Overview of levee crown looking upstream.

LM Start	<b>8.99</b>	Rating **	M	Issue No.	<b>1224 (cont)</b>
LM End	<b>8.99</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64744\_90907.jpg



LS view: overview of LS

LM Start	9.00	Rating **	U	Issue No.	129
LM End	9.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.297481 °	37.295132 °
				-120.851022 °	-120.840839 °
DWR ID	DWR_NA0010_01_f_2021_129				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_129\_20210927\_00295.jpg



View of the landside slope looking upstream. (Fall 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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	9.02	Rating **	U	Issue No.	130
LM End	9.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.297480 °	37.295223 °
				-120.850689 °	-120.840947 °
DWR ID	DWR_NA0010_01_f _ 2021_130				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_130\_20210927\_00296.jpg



View of the waterside slope looking upstream. (Fall 2021)

LM Start	9.34	Rating **	U	Issue No.	1225	
LM End	9.34	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.295413 °		37.295413 °
				-120.845664 °		-120.845664 °
DWR ID	19627					
Comment Code						
Inspector Comment						
DS_ID:19627 FS_ID:64745 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Scouring observed about 2 feet downstream of pipe at WS toe. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP ) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Concrete drop inlet at the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.39), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.37), listed as 24-inch CMP]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64745\_90910.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>9.34</b>	Rating **	U	Issue No.	<b>1225 (cont)</b>
LM End	<b>9.34</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.295413 °	37.295413 °	
			-120.845664 °	-120.845664 °	
DWR ID	19627				

Photo 2 of 3 : UCIP\_FA\_2021\_64745\_90912.jpg



LS view: overview of LS

LM Start	<b>9.34</b>	Rating **	U	Issue No.	<b>1225 (cont)</b>
LM End	<b>9.34</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64745\_90911.jpg



LS view: View of LS slope from levee crown

LM Start	9.56	Rating **	M	Issue No.	101
LM End	9.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.295541 °	37.295541 °
				-120.841739 °	-120.841739 °
DWR ID	DWR_NA0010_01_f_2020_101				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_101\_20210830\_00008.jpg



Rodent burrows in the landside slope. (Fall 2020)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	9.62	Rating **	M	Issue No.	131
LM End	10.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.295009 °	37.286732 °
				-120.840714 °	-120.840057 °
DWR ID	DWR_NA0010_01_f _ 2021_131				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	9.64	Rating **	M	Issue No.	1226
LM End	9.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.294845 °	37.294845 °
				-120.840580 °	-120.840580 °
DWR ID	19628				
Comment Code					
Inspector Comment					
DS_ID:19628 FS_ID:64746 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.68), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.67), listed as a 24-inch CMP]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64746\_90915.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>9.64</b>	Rating **	M	Issue No.	<b>1226 (cont)</b>
LM End	<b>9.64</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.294845 °	37.294845 °	
			-120.840580 °	-120.840580 °	
DWR ID	19628				

Photo 2 of 3 : UCIP\_FA\_2021\_64746\_92422.jpg



Overview of levee crown looking downstream towards pipe crossing.

LM Start	<b>9.64</b>	Rating **	M	Issue No.	<b>1226 (cont)</b>
LM End	<b>9.64</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64746\_90916.jpg



WS view: overview of WS

LM Start	9.73	Rating **	M	Issue No.	133
LM End	10.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.293734 °	37.286731 °
				-120.839731 °	-120.840057 °
DWR ID	DWR_NA0010_01_f_2021_133				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	9.86	Rating **	M	Issue No.	1227	
LM End	9.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.291957 °	37.291957 °	
				-120.839062 °	-120.839062 °	
DWR ID	19976					
Comment Code						
Inspector Comment						
DS_ID:19976 FS_ID:64747 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Not Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No levee present at this location. Pipe referenced at this location does not exist. Only found two culverts at grade in the WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP, B. Singh - GEI)04/09/2014 Appears to have been washed out at levee breach. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, at an unknown depth. Cross fence with metal drive gate on the levee crown. Access on the waterside (WS). FS Date: 10/21/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64747\_91039.jpg



Overview of area looking upstream towards where levee use to be.

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>1227 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64747\_91040.jpg



Overview of 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>1227 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.291957 °	37.291957 °	
			-120.839062 °	-120.839062 °	
DWR ID	19976				

Photo 3 of 3 : UCIP\_FA\_2021\_64747\_92745.jpg



Overview of where levee is no longer present. Location historic levee break, levee absent.

LM Start	9.89	Rating **	A/W	Issue No.	112
LM End	9.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.291796 °	37.291581 °
				-120.839497 °	-120.839718 °
DWR ID	DWR_NA0010_01_f _ 2017_112				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Landowner degraded levee in the 1970's because water on LS was flooding his property. Landowner has prevented efforts to restore levee. LMA has stated that no water from the waterside of the levee has ever backed up through the degraded levee and caused flooding.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_112\_20210830\_00014.jpg



Looking east at the levee breach. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	9.89	Rating **	M	Issue No.	1228
LM End	9.89	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.291667 °	37.291667 °
				-120.839224 °	-120.839224 °
DWR ID	19556				
Comment Code					
Inspector Comment					
DS_ID:19556 FS_ID:64748 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Not Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No levee present at this location. Pipe referenced at this location does not exist. Only found two culverts at grade in the WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 70 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.91), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.93), listed as a 24-inch CMP]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64748\_91045.jpg



Overview of area looking upstream at levee breach.

LM Start	<b>9.89</b>	Rating **	M	Issue No.	<b>1228 (cont)</b>
LM End	<b>9.89</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64748\_91046.jpg



Overview access road looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>9.89</b>	Rating **	M	Issue No.	<b>1228 (cont)</b>
LM End	<b>9.89</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.291667 °	37.291667 °	
			-120.839224 °	-120.839224 °	
DWR ID	19556				

Photo 3 of 3 : UCIP\_FA\_2021\_64748\_91047.jpg



Culverts underneath access road visible on WS

LM Start	9.93	Rating **	M	Issue No.	103
LM End	10.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.291176 °	37.289870 °
				-120.839636 °	-120.840563 °
DWR ID	DWR_NA0010_01_f_2021_103				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

LM Start	9.94	Rating **	U	Issue No.	120
LM End	9.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290994 °	37.290673 °
				-120.839758 °	-120.839988 °
DWR ID	DWR_NA0010_01_f_2018_120				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows observed in this section with large amount of material displaced.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_120\_20210830\_00021.jpg



View of rodent burrow in the landside slope. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	9.99	Rating **	M	Issue No.	121
LM End	9.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290432 °	37.290432 °
				-120.840189 °	-120.840189 °
DWR ID	DWR_NA0010_01_f_2018_121				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes noted at this location.					

No Photos

LM Start	10.20	Rating **	M	Issue No.	1229	
LM End	10.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °	
				-120.840251 °	-120.840251 °	
DWR ID	19629					
Comment Code						
Inspector Comment						
DS_ID:19629 FS_ID:64858 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation blocks waterward and landward toes Recommend removing vegetation from both toes. Also sediment buildup in pipe visible from landward side. (W. Wylie - UCIP DMP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 69 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.24), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.23), listed as a 24-inch CMP]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP\_FA\_2021\_64858\_90922.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	10.20	Rating **	M	Issue No.	1229 (cont)	
LM End	10.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °	
				-120.840251 °	-120.840251 °	
DWR ID	19629					

Photo 2 of 3 : UCIP\_FA\_2021\_64858\_90923.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	<b>10.20</b>	Rating **	M	Issue No.	<b>1229 (cont)</b>
LM End	<b>10.20</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64858\_90926.jpg



WS view: WS slope profile

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	10.68	Rating **	M	Issue No.	1230	
LM End	10.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.283740 °	37.283740 °	
				-120.833452 °	-120.833452 °	
DWR ID	19630					
Comment Code						
Inspector Comment						
DS_ID:19630 FS_ID:64859 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 68 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.73), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72), listed as a 24-inch CMP]. FS Date: 10/21/2020						

LM Start	<b>10.68</b>	Rating **	M	Issue No.	<b>1230 (cont)</b>
LM End	<b>10.68</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64859\_92750.jpg



Overview of levee crown, looking upstream towards crossing.

Photo 2 of 3 : UCIP\_FA\_2021\_64859\_90999.jpg



Overview of levee crown looking upstream

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>10.68</b>	Rating **	M	Issue No.	<b>1230 (cont)</b>
LM End	<b>10.68</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.283740 °	37.283740 °	
			-120.833452 °	-120.833452 °	
DWR ID	19630				

Photo 3 of 3 : UCIP\_FA\_2021\_64859\_91001.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	<b>10.69</b>	Rating **	M	Issue No.	<b>1231</b>
LM End	<b>10.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.283710 °	37.283710 °	
			-120.833329 °	-120.833329 °	
DWR ID	19631				

**Comment Code**

**Inspector Comment**

DS\_ID:19631  
 FS\_ID:64751  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Damage  
 Crossing Status: Found  
 UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe material changes from CMP on the WS to concrete on the LS. (B. Singh - GEI, O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 67 bench mark (BM) on the headwall on the landside (LS). Pipe material changes from CMP (on WS) to concrete (on LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.74), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72), listed as a 24-inch CMP].  
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64751\_92770.jpg



Overview of levee crown looking upstream towards crossings.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	10.69	Rating **	M	Issue No.	1231 (cont)
LM End	10.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283710 °	37.283710 °
				-120.833329 °	-120.833329 °
DWR ID	19631				

Photo 2 of 3 : UCIP\_FA\_2021\_64751\_91009.jpg



Overview of levee crown looking upstream

LM Start	<b>10.69</b>	Rating **	M	Issue No.	<b>1231 (cont)</b>
LM End	<b>10.69</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64751\_92766.jpg



WS view: ramp located on WS with two crossing on either side. This crossing is located on the right side.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	10.98	Rating **	M	Issue No.	1232	
LM End	10.98	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.282627 °	37.282627 °	
				-120.828233 °	-120.828233 °	
DWR ID	19632					
Comment Code						
Inspector Comment						
DS_ID:19632 FS_ID:64752 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Dense vegetation previously recorded in the 2014 UCIP inspection has been cleared. (B. Singh - GEI, O. Magana - DWR UCIP)04/09/2014 Dense vegetation blocks landward headwall. Recommend removing excess vegetation on landward toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 66 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.02), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.00), listed as a 24-inch CMP]. FS Date: 10/21/2020						

LM Start	<b>10.98</b>	Rating **	M	Issue No.	<b>1232 (cont)</b>
LM End	<b>10.98</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64752\_90929.jpg



Overview of levee crown looking upstream

Photo 2 of 3 : UCIP\_FA\_2021\_64752\_90930.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>10.98</b>	Rating **	M	Issue No.	<b>1232 (cont)</b>
LM End	<b>10.98</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.282627 °	37.282627 °	
			-120.828233 °	-120.828233 °	
DWR ID	19632				

Photo 3 of 3 : UCIP\_FA\_2021\_64752\_90932.jpg



WS view: overview of WS slope

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>1233</b>
LM End	<b>11.14</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.281813 °	37.281813 °	
			-120.825409 °	-120.825409 °	
DWR ID	19633				

**Comment Code**

**Inspector Comment**

DS\_ID:19633  
 FS\_ID:64860  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 65 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.20), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.18), listed as a 24-inch CMP].  
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64860\_92800.jpg



Overview of levee curve towards pipe crossing, looking upstream

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>1233 (cont)</b>
LM End	<b>11.14</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.281813 °	37.281813 °	
			-120.825409 °	-120.825409 °	
DWR ID	19633				

Photo 2 of 3 : UCIP\_FA\_2021\_64860\_90935.jpg



Overview of levee crown, looking upstream

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>1233 (cont)</b>
LM End	<b>11.14</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64860\_90936.jpg



LS view: overview of LS

LM Start	11.37	Rating **	M	Issue No.	151
LM End	11.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275481 °	37.275481 °
				-120.826042 °	-120.826042 °
DWR ID	DWR_NA0010_01_s_2020_151				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_151\_20210830\_00024.jpg



Rodent burrows in the landside slope. (Spring 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	1234	
LM End	11.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.275518 °	37.275518 °	
				-120.826052 °	-120.826052 °	
DWR ID	19814					
Comment Code						
Inspector Comment						
DS_ID:19814 FS_ID:64861 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. Steep slopes prevented further inspection of the WS and LS toes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through levee, 12 feet below the crown. Two metal cutoff walls. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as U6 HLM 0.05 should be U1 HLM 11.37)]. FS Date: 10/21/2020						

LM Start	<b>11.37</b>	Rating **	M	Issue No.	<b>1234 (cont)</b>
LM End	<b>11.37</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64861\_90940.jpg



Overview of levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_64861\_90941.jpg



LS view: overview of LS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	1234 (cont)
LM End	11.37	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.275518 °	37.275518 °	
			-120.826052 °	-120.826052 °	
DWR ID	19814				

Photo 3 of 3 : UCIP\_FA\_2021\_64861\_92834.jpg



LS view: profile view of LS slope.

LM Start	11.49	Rating **	M	Issue No.	1235
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273787 °	37.273787 °	
			-120.825519 °	-120.825519 °	
DWR ID	19634				

**Comment Code**

**Inspector Comment**

DS\_ID:19634  
 FS\_ID:64862  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Damage  
 Crossing Status: Found  
 UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited inspection of pipe and headwall on the LS toe. DWR DMP has found integrity issues, LOF between 4 and 5. Unable to locate pipe inlet on along the LS toe. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Need to contact owner--landward side has been buried. It appears that soil was removed from levee toe, immediately upstream, and used to pile soil at landward side at crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 62 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.48), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.48), listed as a 24-inch CMP].  
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64862\_92836.jpg



Overview of levee crown looking upstream towards pipe crossing, photo 1 of 2.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1235 (cont)
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273787 °	37.273787 °	
			-120.825519 °	-120.825519 °	
DWR ID	19634				

Photo 2 of 3 : UCIP\_FA\_2021\_64862\_90946.jpg



Overview of levee crown looking upstream towards pipe crossing, photo 2 of 2.

LM Start	11.49	Rating **	M	Issue No.	1235 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64862\_90949.jpg



LS view: overview of LS.

LM Start	11.53	Rating **	M	Issue No.	136
LM End	11.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273150 °	37.273150 °
				-120.825630 °	-120.825630 °
DWR ID	DWR_NA0010_01_s_2021_136				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodents and burrows observed on landside slope and levee crown at this location.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	11.62	Rating **	M	Issue No.	132
LM End	11.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.271863 °	37.271863 °
				-120.825903 °	-120.825903 °
DWR ID	DWR_NA0010_01_s _ 2019_132				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	11.78	Rating **	M	Issue No.	1236
LM End	11.78	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.269657 °	37.269657 °	
			-120.826471 °	-120.826471 °	
DWR ID	19635				

**Comment Code**

**Inspector Comment**

DS\_ID:19635  
FS\_ID:64863  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Geophysical Evaluation (Confirmed)  
Crossing Status: Found  
UCIP Comments: 10/21/2020 Record remains Non-Urgent. DWR DMP geophysics study found evidence of pipe at 37.269697, -120.826430 (modified levee mile coordinates 37.269657, -120.826471 using UCIP calculator). Pipe and flap gate previously found on the WS toe were covered by dry vegetation preventing proper UCIP inspection. Recommend removal of excess vegetation to conduct a proper inspection of this structure through the levee. The pipe inlet and concrete headwall are buried on the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional --landward side is buried. Debris found on landward side (channel). Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 17 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 61 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.77), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.76), listed as a 24-inch CMP].  
FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64863\_90950.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>11.78</b>	Rating **	M	Issue No.	<b>1236 (cont)</b>
LM End	<b>11.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.269657 °	37.269657 °	
			-120.826471 °	-120.826471 °	
DWR ID	19635				

Photo 2 of 3 : UCIP\_FA\_2021\_64863\_92838.jpg



Overview of levee crown looking upstream towards pipe.

LM Start	<b>11.78</b>	Rating **	M	Issue No.	<b>1236 (cont)</b>
LM End	<b>11.78</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64863\_90953.jpg



LS view: overview of LS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	12.12	Rating **	M	Issue No.	1237
LM End	12.12	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.265336 °	37.265336 °	
			-120.826591 °	-120.826591 °	
DWR ID	19636				

**Comment Code**

**Inspector Comment**

DS\_ID:19636  
FS\_ID:64792  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation inhibited proper inspection of the pipe on the LS and WS toes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional -- landward side is buried. Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.12), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.11), listed as a 24-inch CMP].  
FS Date: 10/21/2020

LM Start	12.12	Rating **	M	Issue No.	1237 (cont)
LM End	12.12	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64792\_90956.jpg



Overview of levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_64792\_90958.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	12.12	Rating **	M	Issue No.	1237 (cont)
LM End	12.12	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.265336 °	37.265336 °	
			-120.826591 °	-120.826591 °	
DWR ID	19636				

Photo 3 of 3 : UCIP\_FA\_2021\_64792\_90960.jpg



WS view: dense vegetation near WS toe.

LM Start	12.95	Rating **	M	Issue No.	1238
LM End	12.95	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.256873 °	37.256873 °	
			-120.821277 °	-120.821277 °	
DWR ID	19637				

**Comment Code**

**Inspector Comment**

DS\_ID:19637  
 FS\_ID:64794  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Damage  
 Crossing Status: Found  
 UCIP Comments: 10/21/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Proper inspection inhibited by dense vegetation. Recommend vegetation removal along pipe alignment. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Concrete headwall on landward side blocked by debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.95), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.94), listed as a 24-inch CMP].  
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64794\_92843.jpg



Overview of levee crown looking upstream towards pipe crossing past curve.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>12.95</b>	Rating **	M	Issue No.	<b>1238 (cont)</b>
LM End	<b>12.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.256873 °	37.256873 °	
			-120.821277 °	-120.821277 °	
DWR ID	19637				

Photo 2 of 3 : UCIP\_FA\_2021\_64794\_90965.jpg



WS view: overview of WS

LM Start	<b>12.95</b>	Rating **	M	Issue No.	<b>1238 (cont)</b>
LM End	<b>12.95</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64794\_90966.jpg



WS view: dense vegetation along WS toe. Pipe and flap gate visible on WS toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	13.49	Rating **	M	Issue No.	1239
LM End	13.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251590 °	37.251590 °
				-120.814354 °	-120.814354 °
DWR ID	19638				
Comment Code					
Inspector Comment					
DS_ID:19638 FS_ID:64795 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Concrete headwall blocked by debris located on landward toe. Recommend clearing debris from landward slope and toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.48), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.48), listed as a 24-inch CMP]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64795\_92844.jpg



Overview of levee looking upstream towards pipe.

LM Start	<b>13.49</b>	Rating **	M	Issue No.	<b>1239 (cont)</b>
LM End	<b>13.49</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64795\_90967.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>13.49</b>	Rating **	M	Issue No.	<b>1239 (cont)</b>
LM End	<b>13.49</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.251590 °	37.251590 °	
			-120.814354 °	-120.814354 °	
DWR ID	19638				

Photo 3 of 3 : UCIP\_FA\_2021\_64795\_90969.jpg



WS view: pipe and flapgate visible at WS toe

LM Start	<b>13.59</b>	Rating **	M	Issue No.	<b>1240</b>
LM End	<b>13.59</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.250138 °	37.250138 °	
			-120.814720 °	-120.814720 °	
DWR ID	19639				

**Comment Code**

**Inspector Comment**

DS\_ID:19639  
FS\_ID:64796  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 No access to waterward toe due to fence. Unable to find the concrete headwall and flap gate on waterward side past fence. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also need access past fence on waterward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.58), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.58), listed as a 24-inch CMP].  
FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64796\_90971.jpg



Overview of levee crown looking downstream towards 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	13.59	Rating **	M	Issue No.	1240 (cont)	
LM End	13.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.250138 °	37.250138 °	
				-120.814720 °	-120.814720 °	
DWR ID	19639					

Photo 2 of 3 : UCIP\_FA\_2021\_64796\_90973.jpg



LS view: overview of LS. No headwall found through dense vegetation.

LM Start	<b>13.59</b>	Rating **	M	Issue No.	<b>1240 (cont)</b>
LM End	<b>13.59</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64796\_90972.jpg



WS view: overview of WS.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	13.82	Rating **	M	Issue No.	1241
LM End	13.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.247568 °	37.247568 °
				-120.817074 °	-120.817074 °
DWR ID	19640				
Comment Code					
Inspector Comment					
DS_ID:19640 FS_ID:64797 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Indicator Found UCIP Comments: 10/21/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 No photos available-- missed crossing. Aerial photograph indicates crossing is present. Need to confirm if crossing is still present on waterward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.83), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.81), listed as a 24-inch CMP]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64797\_90976.jpg



Overview of levee crown looking upstream towards crossing, photo 1 of 2.

LM Start	<b>13.82</b>	Rating **	M	Issue No.	<b>1241 (cont)</b>
LM End	<b>13.82</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64797\_92858.jpg



Overview of levee crown looking upstream towards crossing, photo 2 of 2.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>13.82</b>	Rating **	M	Issue No.	<b>1241 (cont)</b>
LM End	<b>13.82</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.247568 °	37.247568 °	
			-120.817074 °	-120.817074 °	
DWR ID	19640				

Photo 3 of 3 : UCIP\_FA\_2021\_64797\_90978.jpg



WS view: overview of WS. Pipe and flapgate visible at WS toe

LM Start	<b>14.22</b>	Rating **	M	Issue No.	<b>1242</b>
LM End	<b>14.22</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.242225 °	37.242225 °	
			-120.817665 °	-120.817665 °	
DWR ID	19641				

**Comment Code**

**Inspector Comment**

DS\_ID:19641  
 FS\_ID:64799  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation at LS and WS toes inhibited proper inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.22), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.21), listed as a 24-inch CMP]. FS Date: 10/21/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64799\_90986.jpg



Overview of levee crown looking upstream towards pipe 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**

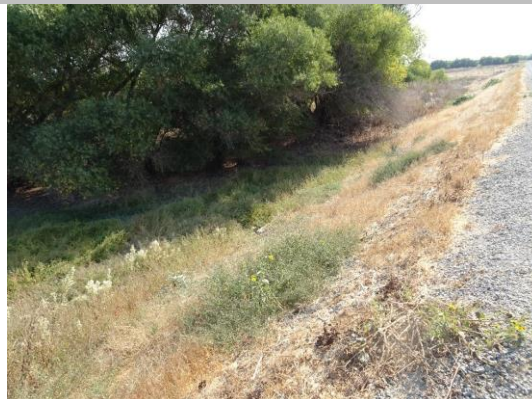
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	14.22	Rating **	M	Issue No.	1242 (cont)
LM End	14.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242225 °	37.242225 °
				-120.817665 °	-120.817665 °
DWR ID	19641				

Photo 2 of 3 : UCIP\_FA\_2021\_64799\_90988.jpg



LS view: overview of LS

LM Start	<b>14.22</b>	Rating **	M	Issue No.	<b>1242 (cont)</b>
LM End	<b>14.22</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64799\_90990.jpg



WS view: overview of WS

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>14.65</b>	Rating **	M	Issue No.	<b>1243</b>
LM End	<b>14.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.237584 °	37.237584 °	
			-120.812967 °	-120.812967 °	
DWR ID	19642				

**Comment Code**

**Inspector Comment**

DS\_ID:19642  
FS\_ID:64864  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 10/21/2020 Record remains Non-Urgent. Dense vegetation along the pipe alignment prevented proper inspection of the levee and pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope and toe. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.65), listed as a 24-inch CMP].  
FS Date: 10/21/2020

LM Start	<b>14.65</b>	Rating **	M	Issue No.	<b>1243 (cont)</b>
LM End	<b>14.65</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64864\_90992.jpg



Overview of levee crown looking downstream toward crossing.

Photo 2 of 3 : UCIP\_FA\_2021\_64864\_90993.jpg



WS view: WS slope profile looking downstream

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>14.65</b>	Rating **	M	Issue No.	<b>1243 (cont)</b>
LM End	<b>14.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.237584 °	37.237584 °	
			-120.812967 °	-120.812967 °	
DWR ID	19642				

Photo 3 of 3 : UCIP\_FA\_2021\_64864\_90994.jpg



LS view: LS slope profile looking downstream

LM Start	<b>15.29</b>	Rating **	M	Issue No.	<b>1244</b>
LM End	<b>15.29</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.231428 °	37.231428 °	
			-120.805543 °	-120.805543 °	
DWR ID	19643				

**Comment Code**

**Inspector Comment**

DS\_ID:19643  
 FS\_ID:64801  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation on LS toe limited inspection of pipe. Significant burrowing observed on LS and WS slopes. Recommend vegetation removal and rodent mitigation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.31), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.29), listed as a 24-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64801\_90792.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	15.29	Rating **	M	Issue No.	1244 (cont)
LM End	15.29	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.231428 °	37.231428 °	
			-120.805543 °	-120.805543 °	
DWR ID	19643				

Photo 2 of 3 : UCIP\_FA\_2021\_64801\_92869.jpg



LS view: overview of LS.

LM Start	15.29	Rating **	M	Issue No.	1244 (cont)
LM End	15.29	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64801\_90793.jpg



WS view: overview of WS. Pipe and flapgate visible on WS toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>15.58</b>	Rating **	M	Issue No.	<b>1245</b>
LM End	<b>15.58</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.228155 °	37.228155 °	
			-120.802645 °	-120.802645 °	
DWR ID	19644				

**Comment Code**

**Inspector Comment**

DS\_ID:19644  
FS\_ID:64802  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Recor remains Non-Urgent. Dense vegetation on LS toe and slope inhibited proper inspection of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (O. Magana - DWR UCIP, B. Singh - GEI)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.57), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.57), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	<b>15.58</b>	Rating **	M	Issue No.	<b>1245 (cont)</b>
LM End	<b>15.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64802\_90797.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64802\_90798.jpg



WS view: overview of WS. Pipe and flapgate visible at WS toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>15.58</b>	Rating **	M	Issue No.	<b>1245 (cont)</b>
LM End	<b>15.58</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.228155 °	37.228155 °	
			-120.802645 °	-120.802645 °	
DWR ID	19644				

Photo 3 of 3 : UCIP\_FA\_2021\_64802\_92963.jpg



WS view: profile of WS slope.

LM Start	<b>15.82</b>	Rating **	M	Issue No.	<b>1246</b>
LM End	<b>15.82</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.226099 °	37.226099 °	
			-120.799125 °	-120.799125 °	
DWR ID	19645				

**Comment Code**

**Inspector Comment**

DS\_ID:19645  
 FS\_ID:64865  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Corrosion observed in pipe inlet on the LS toe. Recommend internal inspection of the pipe through the levee to determine extent of damage. Some burrowing activity found on both LS and WS slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.82), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.81), listed as a 24-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64865\_90803.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	1246 (cont)
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226099 °	37.226099 °
				-120.799125 °	-120.799125 °
DWR ID	19645				

Photo 2 of 3 : UCIP\_FA\_2021\_64865\_90804.jpg



LS view: overview of LS

LM Start	<b>15.82</b>	Rating **	M	Issue No.	<b>1246 (cont)</b>
LM End	<b>15.82</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64865\_90805.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>16.09</b>	Rating **	U	Issue No.	<b>1247</b>
LM End	<b>16.09</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.224157 °	37.224157 °	
			-120.795250 °	-120.795250 °	
DWR ID	19646				

**Comment Code**

**Inspector Comment**

DS\_ID:19646  
FS\_ID:64804  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. Burrowing activity observed on LS and WS slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.09), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.09), listed as a 24-inch pipe].  
FS Date: 11/16/2020

LM Start	<b>16.09</b>	Rating **	U	Issue No.	<b>1247 (cont)</b>
LM End	<b>16.09</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64804\_92966.jpg



Overview of levee looking upstream towards crossing.

Photo 2 of 3 : UCIP\_FA\_2021\_64804\_92967.jpg



WS view: overview of WS.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>16.09</b>	Rating **	U	Issue No.	<b>1247 (cont)</b>
LM End	<b>16.09</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.224157 °	37.224157 °	
			-120.795250 °	-120.795250 °	
DWR ID	19646				

Photo 3 of 3 : UCIP\_FA\_2021\_64804\_92965.jpg



WS view: concrete wingwall and pipe with flap gate visible on WS toe.

LM Start	<b>16.15</b>	Rating **	M	Issue No.	<b>1248</b>
LM End	<b>16.15</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.224120 °	37.224120 °	
			-120.794002 °	-120.794002 °	
DWR ID	19647				

**Comment Code**

**Inspector Comment**

DS\_ID:19647  
 FS\_ID:64866  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Pipe and flapgate on WS toe were under water and there is dense vegetation on the LS slope and toe, inhibiting inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection status is pending. Contacted A. Asrate with DMP staff to find out internal inspection results from 2020. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.16), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.15), listed as a 24-inch pipe].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64866\_92979.jpg



Overview of levee crown looking upstream towards pipe 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	16.15	Rating **	M	Issue No.	1248 (cont)
LM End	16.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224120 °	37.224120 °
				-120.794002 °	-120.794002 °
DWR ID	19647				

Photo 2 of 3 : UCIP\_FA\_2021\_64866\_92980.jpg



LS view: overview of LS.

LM Start	<b>16.15</b>	Rating **	M	Issue No.	<b>1248 (cont)</b>
LM End	<b>16.15</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64866\_92978.jpg



WS view: overview of WS.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	1249	
LM End	16.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.224223 °		37.224223 °
				-120.783806 °		-120.783806 °
DWR ID	24870					
Comment Code						
Inspector Comment						
DS_ID:24870 FS_ID:64834 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit has been found authorizing this pipe. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP)04/25/2014 Need to contact owner to determine status and reason for crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel gravity drainage pipe through the levee, at an unknown depth. Concrete standpipe visible on the landside (LS). This pipe was field discovered. FS Date: 11/6/2020						

Photo 1 of 2 : UCIP\_FA\_2021\_64834\_71487.jpg



View of pipe located on waterward side.

LM Start	<b>16.72</b>	Rating **	M	Issue No.	<b>1249 (cont)</b>
LM End	<b>16.72</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2021\_64834\_71486.jpg



View of landward side.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	1250
LM End	16.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.224233 °	37.224233 °
				-120.783711 °	-120.783711 °
DWR ID	19649				
Comment Code					
Inspector Comment					
DS_ID:19649 FS_ID:64867 EP_NO: 13549 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. Gravity drainage pipe through the levee, 2 feet below the crown, was measured at 12 inches instead of 30 inches pipe. Pump and concrete standpipe at the center of the levee were not found, and a siphon breaker was not found on the LS shoulder. Recommend a detail review of permit and record files to determine what was constructed at this location and the alignment of the pipe. Need to contact owner to obtain permit authorizing modifications to previously approved 30-inch pipe. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 30-inch coated steel gravity drainage pipe through the levee, 2 feet below the crown. Steel cutoff walls at the center of the levee. Siphon breaker on the apex of the pipe on the landside (LS) shoulder. Pump and concrete standpipe on the waterside (WS). Extends to existing irrigation ditch off the LS toe. (Plans to construct a concrete irrigation pipe stand, to install a 60-horsepower pump with a 30-inch steel discharge pipeline through the levee, and to enlarge the diversion channel from the river to the pump intake authorized under Permit No. 13549, 1983 - Joseph E. Gallo). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.73), listed as a 30-inch steel pipe]. FS Date: 11/16/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64867\_90813.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>16.72</b>	Rating **	M	Issue No.	<b>1250 (cont)</b>
LM End	<b>16.72</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.224233 °	37.224233 °	
			-120.783711 °	-120.783711 °	
DWR ID	19649				

Photo 2 of 3 : UCIP\_FA\_2021\_64867\_90814.jpg



WS view: overview of WS. Pipe not found at WS toe and dense vegetation.

LM Start	<b>16.72</b>	Rating **	M	Issue No.	<b>1250 (cont)</b>
LM End	<b>16.72</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64867\_90815.jpg



LS view: overview of LS. Concrete cone with 12" pipe found.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	1251
LM End	16.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224223 °	37.224223 °
				-120.783806 °	-120.783806 °
DWR ID	19648				

**Comment Code**

**Inspector Comment**

DS\_ID:19648  
FS\_ID:64806  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Unable to locate pipe on both LS and WS toes due to dense vegetation. Recommend vegetation removal for proper inspections. DWR DMP internal inspection is pending and scheduled for 2021. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.73), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.72), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	16.72	Rating **	M	Issue No.	1251 (cont)
LM End	16.72	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64806\_90820.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64806\_90821.jpg



WS view: overview of WS. Pipe and flapgate not found; dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>16.72</b>	Rating **	M	Issue No.	<b>1251 (cont)</b>
LM End	<b>16.72</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.224223 °	37.224223 °	
			-120.783806 °	-120.783806 °	
DWR ID	19648				

Photo 3 of 3 : UCIP\_FA\_2021\_64806\_90824.jpg



LS view: overview of LS.

LM Start	<b>17.01</b>	Rating **	M	Issue No.	<b>1252</b>
LM End	<b>17.01</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.221838 °	37.221838 °	
			-120.780230 °	-120.780230 °	
DWR ID	19577				

**Comment Code**

**Inspector Comment**

DS\_ID:19577  
 FS\_ID:64807  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Concrete headwall is buried by dense vegetation. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.01), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.01), listed as a 24-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64807\_90825.jpg



Overview of levee crown, looking US

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>17.01</b>	Rating **	M	Issue No.	<b>1252 (cont)</b>
LM End	<b>17.01</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.221838 °	37.221838 °	
			-120.780230 °	-120.780230 °	
DWR ID	19577				

Photo 2 of 3 : UCIP\_FA\_2021\_64807\_92993.jpg



WS view: overview of WS.

LM Start	<b>17.01</b>	Rating **	M	Issue No.	<b>1252 (cont)</b>
LM End	<b>17.01</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64807\_92991.jpg



WS view: pipe and flap gate visible on WS toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	17.19	Rating **	M	Issue No.	1253
LM End	17.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302 °	37.219302 °
				-120.779475 °	-120.779475 °
DWR ID	19578				

**Comment Code**

**Inspector Comment**

DS\_ID:19578  
FS\_ID:64808  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup inside pipe visible from landward side. Recommend clearing pipe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.20), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.19), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	17.19	Rating **	M	Issue No.	1253 (cont)
LM End	17.19	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64808\_93002.jpg



Overview of levee crown looking upstream towards pipe crossing.

Photo 2 of 3 : UCIP\_FA\_2021\_64808\_93003.jpg



WS view: overview of WS.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>17.19</b>	Rating **	M	Issue No.	<b>1253 (cont)</b>
LM End	<b>17.19</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.219302 °	37.219302 °	
			-120.779475 °	-120.779475 °	
DWR ID	19578				

Photo 3 of 3 : UCIP\_FA\_2021\_64808\_93000.jpg



WS view: pipe outlet visible on WS toe.

LM Start	<b>17.26</b>	Rating **	M	Issue No.	<b>1254</b>
LM End	<b>17.26</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.218332 °	37.218332 °	
			-120.779459 °	-120.779459 °	
DWR ID	19579				

**Comment Code**

**Inspector Comment**

DS\_ID:19579  
FS\_ID:64809  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Debris is blocking flapgate on the WS inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.27), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.26), listed as a 24-inch CMP].  
FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64809\_90834.jpg



Overview of levee crown looking upstream towards 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	17.26	Rating **	M	Issue No.	1254 (cont)
LM End	17.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.218332 °	37.218332 °
				-120.779459 °	-120.779459 °
DWR ID	19579				

Photo 2 of 3 : UCIP\_FA\_2021\_64809\_90835.jpg



LS view: overview of LS

LM Start	17.26	Rating **	M	Issue No.	1254 (cont)
LM End	17.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64809\_90836.jpg



WS view: overview of WS, photo 1 of 2.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	17.52	Rating **	U	Issue No.	1255
LM End	17.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.215976 °	37.215976 °
				-120.777615 °	-120.777615 °
DWR ID	19580				

**Comment Code**

**Inspector Comment**

DS\_ID:19580  
FS\_ID:64868  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. Pipe in failed condition on the LS. Potential sink hole located about 1 foot from the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.53), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	<b>17.52</b>	Rating **	U	Issue No.	<b>1255 (cont)</b>
LM End	<b>17.52</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64868\_90843.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP\_FA\_2021\_64868\_90844.jpg



WS view: overview of WS. Pipe and flapgate visible on WS toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>17.52</b>	Rating **	U	Issue No.	<b>1255 (cont)</b>
LM End	<b>17.52</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.215976 °	37.215976 °	
			-120.777615 °	-120.777615 °	
DWR ID	19580				

Photo 3 of 3 : UCIP\_FA\_2021\_64868\_90842.jpg



WS view: Pipe, headwall, and flapgate at WS toe.

LM Start	<b>18.18</b>	Rating **	U	Issue No.	<b>1256</b>
LM End	<b>18.18</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.210998 °	37.210998 °	
			-120.768900 °	-120.768900 °	
DWR ID	19581				

**Comment Code**

**Inspector Comment**

DS\_ID:19581  
 FS\_ID:64811  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record has been updated from Non-Urgent to Urgent. Considerable damage to the pipe interior is visible from LS toe. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Need to contact owner. Recommend investigating integrity of pipe wall through levee heavy corrosion visible from landward side. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.21), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.19), listed as a 24-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64811\_90849.jpg



Overview of levee crown looking upstream, photo 1 of 2.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	18.18	Rating **	U	Issue No.	1256 (cont)
LM End	18.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.210998 °	37.210998 °
				-120.768900 °	-120.768900 °
DWR ID	19581				

Photo 2 of 3 : UCIP\_FA\_2021\_64811\_93033.jpg



Overview of levee crown looking upstream, photo 2 of 2.

LM Start	<b>18.18</b>	Rating **	U	Issue No.	<b>1256 (cont)</b>
LM End	<b>18.18</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64811\_90852.jpg



WS view: overview of WS.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	18.45	Rating **	U	Issue No.	1257	
LM End	18.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °	
				-120.767679 °	-120.767679 °	
DWR ID	19582					
Comment Code						
Inspector Comment						
DS_ID:19582						
FS_ID:64812						
EP_NO: N/A						
Repair Type: Urgent						
EVAL Issue: Pipe Integrity						
Crossing Status: Found						
UCIP Comments: 11/16/2020 Record has been updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. No damage observed on the levee during the field inspection. Crossing will be monitored until funding becomes available to address. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.47), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.45), listed as a 24-inch CMP].						
FS Date: 11/16/2020						

LM Start	<b>18.45</b>	Rating **	U	Issue No.	<b>1257 (cont)</b>
LM End	<b>18.45</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64812\_93037.jpg



Overview of levee crown looking upstream, photo 1 of 2.

Photo 2 of 3 : UCIP\_FA\_2021\_64812\_90856.jpg



Overview of levee crown looking upstream, photo 2 of 2.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	18.45	Rating **	U	Issue No.	1257 (cont)
LM End	18.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °
				-120.767679 °	-120.767679 °
DWR ID	19582				

Photo 3 of 3 : UCIP\_FA\_2021\_64812\_90854.jpg



LS view: overview of LS.

LM Start	18.77	Rating **	U	Issue No.	134
LM End	18.77	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.205064 °	37.205064 °
				-120.762721 °	-120.762721 °
DWR ID	DWR_NA0010_01_s_2019_134				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_134\_20210830\_00022.jpg



View of prunings on waterside slope. (Spring 2019)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	18.79	Rating **	M	Issue No.	1258
LM End	18.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204966 °	37.204966 °
				-120.762511 °	-120.762511 °
DWR ID	19593				

**Comment Code**

**Inspector Comment**

DS\_ID:19593  
FS\_ID:64871  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Fence located on the WS prevented access to the pipe. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.80), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.79), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	<b>18.79</b>	Rating **	M	Issue No.	<b>1258 (cont)</b>
LM End	<b>18.79</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64871\_91059.jpg



Overview of levee crown

Photo 2 of 3 : UCIP\_FA\_2021\_64871\_91061.jpg



View waterward

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>18.79</b>	Rating **	M	Issue No.	<b>1258 (cont)</b>
LM End	<b>18.79</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204966 °	37.204966 °
				-120.762511 °	-120.762511 °
DWR ID	19593				

Photo 3 of 3 : UCIP\_FA\_2021\_64871\_91062.jpg



Headwall and pipe at LS toe

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	1259
LM End	19.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202801 °	37.202801 °
				-120.756209 °	-120.756209 °
DWR ID	19594				

**Comment Code**

**Inspector Comment**

DS\_ID:19594  
FS\_ID:64873  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Unable to locate pipe on the WS. Pipe appears to be buried on WS. Sediment build-up observed at the LS inlet. Recommend sediment removal and evaluation of pipe's purpose. Pipe is currently non-functional. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. Recommend adding riser cover on the WS as a safety measure. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Non-functional crossing--pipe is buried on waterward side. Sediment buildup in pipe visible from landward side. Need to coordinate with owner to determine status. If crossing is no longer in use, owner will need to coordinate with DWR Inspector and CVFPB to properly abandon. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.18), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.17), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	<b>19.17</b>	Rating **	M	Issue No.	<b>1259 (cont)</b>
LM End	<b>19.17</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64873\_90861.jpg



Overview of levee crown

Photo 2 of 3 : UCIP\_FA\_2021\_64873\_90862.jpg



Pipe riser visible on WS slope

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>19.17</b>	Rating **	M	Issue No.	<b>1259 (cont)</b>
LM End	<b>19.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202801 °	37.202801 °	
			-120.756209 °	-120.756209 °	
DWR ID	19594				

Photo 3 of 3 : UCIP\_FA\_2021\_64873\_90863.jpg



View landward

LM Start	<b>19.32</b>	Rating **	M	Issue No.	<b>1260</b>
LM End	<b>19.32</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200921 °	37.200921 °	
			-120.756901 °	-120.756901 °	
DWR ID	24871				

**Comment Code**

**Inspector Comment**

DS\_ID:24871  
 FS\_ID:64874  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe measured 24 inches in diameter on the LS end and 20 inches on the WS inlet. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 New crossing found during field inspection--Need to contact owner to obtain additional information about crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 1 of 2: 20-inch steel drainage discharge pipe through the levee, at an unknown depth. Pump station and electrical panel on the landside (LS). This pipe was field discovered.  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64874\_90875.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	19.32	Rating **	M	Issue No.	1260 (cont)	
LM End	19.32	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.200921 °	37.200921 °	
				-120.756901 °	-120.756901 °	
DWR ID	24871					

Photo 2 of 3 : UCIP\_FA\_2021\_64874\_90867.jpg



WS view: overview of WS

LM Start	<b>19.32</b>	Rating **	M	Issue No.	<b>1260 (cont)</b>
LM End	<b>19.32</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64874\_90871.jpg



LS view: overview of LS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	19.32	Rating **	M	Issue No.	1261
LM End	19.32	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.200919 °	37.200919 °
				-120.756928 °	-120.756928 °
DWR ID	24872				
Comment Code					
Inspector Comment					
DS_ID:24872 FS_ID:64875 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe measured as 24 inches in diameter at LS outlet. Field structure was updated with updated diameter information. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 New crossing found during field inspection--Need to contact owner to obtain additional information about crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 24-inch steel drainage discharge pipe through the levee, at an unknown depth. Pump station and electrical panel on the landside (LS). This pipe was field discovered. FS Date: 11/16/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64875\_90879.jpg



Overview of levee crown looking d/s

LM Start	19.32	Rating **	M	Issue No.	1261 (cont)
LM End	19.32	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64875\_90880.jpg



WS view: pipes visible on LS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>19.32</b>	Rating **	M	Issue No.	<b>1261 (cont)</b>
LM End	<b>19.32</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200919 °	37.200919 °	
			-120.756928 °	-120.756928 °	
DWR ID	24872				

Photo 3 of 3 : UCIP\_FA\_2021\_64875\_90881.jpg



WS view: overview of WS slope

LM Start	<b>19.33</b>	Rating **	M	Issue No.	<b>1262</b>
LM End	<b>19.33</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200925 °	37.200925 °	
			-120.757058 °	-120.757058 °	
DWR ID	19595				

**Comment Code**

**Inspector Comment**

DS\_ID:19595  
 FS\_ID:64818  
 EP\_NO: 5983  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 60-inch corrugated metal gravity drainage pipe through the levee, 21 feet below the crown. Concrete U-shaped headwall and splash apron on the landside (LS) end. 7-foot by 8-foot by 20.5-foot concrete drainage structure around the LS end of the pipe. Flap gate over pipe opening inside drainage structure. Pump on discharge structure on the LS slope. Steel discharge pipe through the upstream wall of the structure. (Construction of a drainage pump discharge structure at the LS toe and appurtenances on preexisting drainage pipe authorized under Permit No. 5983, 1968 - Turner Island Water District). [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.33), listed as a 60-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.34), listed as a 60-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64818\_90885.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>19.33</b>	Rating **	M	Issue No.	<b>1262 (cont)</b>
LM End	<b>19.33</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200925 °	37.200925 °	
			-120.757058 °	-120.757058 °	
DWR ID	19595				

Photo 2 of 3 : UCIP\_FA\_2021\_64818\_90886.jpg



WS view: overview of WS

LM Start	<b>19.33</b>	Rating **	M	Issue No.	<b>1262 (cont)</b>
LM End	<b>19.33</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64818\_90887.jpg



WS view: view of outlet on WS toe with gate open

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	19.53	Rating **	M	Issue No.	1263
LM End	19.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.199427 °	37.199427 °
				-120.760235 °	-120.760235 °
DWR ID	19596				

**Comment Code**

**Inspector Comment**

DS\_ID:19596  
FS\_ID:64819  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Dense vegetation blocks both waterward and landward headwalls. Sediment buildup in pipe visible from landward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.54), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.54), listed as a 24-inch CMP].  
FS Date: 11/16/2020

LM Start	<b>19.53</b>	Rating **	M	Issue No.	<b>1263 (cont)</b>
LM End	<b>19.53</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64819\_90890.jpg



WS view: overview of WS

Photo 2 of 3 : UCIP\_FA\_2021\_64819\_90889.jpg



WS view: concrete headwall, flap gate, and WS slope visible on WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>19.53</b>	Rating **	M	Issue No.	<b>1263 (cont)</b>
LM End	<b>19.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.199427 °	37.199427 °	
			-120.760235 °	-120.760235 °	
DWR ID	19596				

Photo 3 of 3 : UCIP\_FA\_2021\_64819\_90891.jpg



LS view: overview of LS

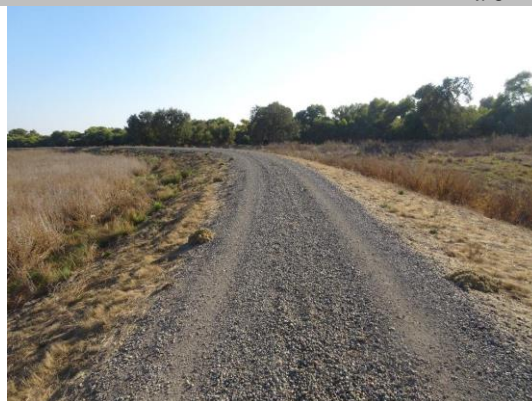
LM Start	<b>19.81</b>	Rating **	M	Issue No.	<b>1264</b>
LM End	<b>19.81</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.197502 °	37.197502 °	
			-120.764045 °	-120.764045 °	
DWR ID	19597				

**Comment Code**

**Inspector Comment**

DS\_ID:19597  
 FS\_ID:64876  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Indicator Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 No photos available for crossing--crossing missed. Recommend taking photos to confirm status of crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.82), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.81), listed as a 24-inch CMP].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64876\_90896.jpg



Overview of levee crown looking u/s

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	19.81	Rating **	M	Issue No.	1264 (cont)
LM End	19.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.197502 °	37.197502 °
				-120.764045 °	-120.764045 °
DWR ID	19597				

Photo 2 of 3 : UCIP\_FA\_2021\_64876\_90897.jpg



WS view: view of WS

LM Start	<b>19.81</b>	Rating **	M	Issue No.	<b>1264 (cont)</b>
LM End	<b>19.81</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64876\_90898.jpg



LS view: view of LS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	20.18	Rating **	M	Issue No.	1265
LM End	20.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194669 °	37.194669 °
				-120.759736 °	-120.759736 °
DWR ID	19598				
Comment Code					
Inspector Comment					
DS_ID:19598 FS_ID:64821 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. Limited access due to steep slopes. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. DWR DMP internal inspection is pending and scheduled for 2021. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Recommend removing vegetation and sediment buildup from both waterward and landward concrete headwalls. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.19), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.18), listed as a 24-inch CMP]. FS Date: 11/16/2020					

Photo 1 of 3 : UCIP\_FA\_2021\_64821\_90903.jpg



Overview of levee crown looking upstream

LM Start	20.18	Rating **	M	Issue No.	1265 (cont)
LM End	20.18	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_64821\_93061.jpg



LS view: overview of LS.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.18</b>	Rating **	M	Issue No.	<b>1265 (cont)</b>
LM End	<b>20.18</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.194669 °	37.194669 °	
			-120.759736 °	-120.759736 °	
DWR ID	19598				

Photo 3 of 3 : UCIP\_FA\_2021\_64821\_93060.jpg



WS view: overview of WS.

LM Start	20.25	Rating **	U	Issue No.	137
LM End	22.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193697 °	37.171726 °
				-120.760132 °	-120.754611 °
DWR ID	DWR_NA0010_01_f _ 2021_137				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_137\_20210927\_00297.jpg



View of vegetation on the landside slope. (Fall 2021)

LM Start	20.25	Rating **	U	Issue No.	135
LM End	22.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193692 °	37.171716 °
				-120.760132 °	-120.754609 °
DWR ID	DWR_NA0010_01_f_2021_135				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_135\_20210927\_00298.jpg



View of the waterside slope looking upstream. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	20.25	Rating **	M	Issue No.	1184
LM End	20.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.193657 °	37.193657 °
				-120.760138 °	-120.760138 °
DWR ID	DWR_NA0010_01_s_2015_1184				
Comment Code					
RA : Ramp					
Inspector Comment					
Landowner installed unauthorized ramp on landside slope and toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_1184\_20210830\_00025.jpg



Ramp cut into to the landside slope to access irrigation ditch at the landside toe. (Fall 2020)

LM Start	20.25	Rating **	M	Issue No.	106
LM End	22.51	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.193663 °	37.166957 °
				-120.760148 °	-120.750080 °
DWR ID	DWR_NA0010_01_f_2020_106				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_106\_20210830\_00010.jpg



Barbed wire fence along the waterside slope. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	20.26	Rating **	M	Issue No.	1266	
LM End	20.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.193618 °	37.193618 °	
				-120.760284 °	-120.760284 °	
DWR ID	19726					
Comment Code						
Inspector Comment						
DS_ID:19726 FS_ID:64877 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 11/16/2020 Record remains Non-Urgent. PVC pipe not found. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: Polyvinyl chloride (PVC) gravity drainage pipe of an unknown size appears to go through the levee, at an unknown depth. Standpipe on the landside (LS). Provide a field description of this crossing. FS Date: 11/16/2020						

LM Start	<b>20.26</b>	Rating **	M	Issue No.	<b>1266 (cont)</b>
LM End	<b>20.26</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64877\_91024.jpg



Overview of levee looking u/s

Photo 2 of 3 : UCIP\_FA\_2021\_64877\_91025.jpg



WS view: overview of WS

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.26</b>	Rating **	M	Issue No.	<b>1266 (cont)</b>
LM End	<b>20.26</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193618 °	37.193618 °	
			-120.760284 °	-120.760284 °	
DWR ID	19726				

Photo 3 of 3 : UCIP\_FA\_2021\_64877\_91026.jpg



LS view: overview of LS

LM Start	<b>20.26</b>	Rating **	M	Issue No.	<b>1267</b>
LM End	<b>20.26</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193589 °	37.193589 °	
			-120.760211 °	-120.760211 °	
DWR ID	19599				

**Comment Code**

**Inspector Comment**

DS\_ID:19599  
 FS\_ID:64878  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Fence on the WS inhibited proper inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. (B. Singh - GEI, O. Magana - DWR UCIP)7/19/2016 same as previous inspection. crossing was downgraded from Urgent to Non-Urgent due to metal rod not interfering with flap gate. (O. Magana - DWR UCIP)4/25/2014 Unauthorized crossing through pipe. Line was pushed through existing crossing. Need to contact owner. Also sediment buildup in pipe visible from landward side--recommend clearing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. No permit for this crossing. [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.27), listed as a 24-inch corrugated metal pipe (CMP)].  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64878\_91023.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.26</b>	Rating **	M	Issue No.	<b>1267 (cont)</b>
LM End	<b>20.26</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193589 °	37.193589 °	
			-120.760211 °	-120.760211 °	
DWR ID	19599				

Photo 2 of 3 : UCIP\_FA\_2021\_64878\_91019.jpg



View waterward. Fence and dense vegetation inhibited proper inspection

LM Start	<b>20.26</b>	Rating **	M	Issue No.	<b>1267 (cont)</b>
LM End	<b>20.26</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64878\_91020.jpg



View landward

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	20.27	Rating **	M	Issue No.	1268
LM End	20.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.193589 °	37.193589 °
				-120.760211 °	-120.760211 °
DWR ID	19600				

**Comment Code**

**Inspector Comment**

DS\_ID:19600  
FS\_ID:64831  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation and fence on the WS prevented proper inspection of pipe. No permit has been found authorizing this pipe. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP)04/25/2014 Crossing partially submersed--no signs of failure of pipe present along pipe alignment. Recommend contacting owner to determine status of crossing and condition. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.28), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.27), listed as a 36-inch CMP].  
FS Date: 11/6/2020

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1268 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64831\_66308.jpg



Overview of levee crown at crossing--multiple crossings at this location.

Photo 2 of 3 : UCIP\_FA\_2021\_64831\_66309.jpg



Multiple crossings visible on waterward side--36 inch CMP is submersed in water.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1268 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.193589 °	37.193589 °	
			-120.760211 °	-120.760211 °	
DWR ID	19600				

Photo 3 of 3 : UCIP\_FA\_2021\_64831\_66307.jpg



View of landward side.

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1269</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193481 °	37.193481 °	
			-120.760277 °	-120.760277 °	
DWR ID	24873				

**Comment Code**

**Inspector Comment**

DS\_ID:24873  
 FS\_ID:64879  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment  
 Crossing Status: Found  
 UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation and fence on the WS inhibited proper inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. System description was updated based on measured diameters for the outer pipe and sleeved pipe. (B. Singh - GEI, O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)  
 FIELD\_STRUCT\_DESC: 9-inch steel drainage discharge pipe sleeved through a 14-inch steel pipe through levee, at an unknown depth.  
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP\_FA\_2021\_64879\_91014.jpg



Overview of levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1269 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.193481 °	37.193481 °
				-120.760277 °	-120.760277 °
DWR ID	24873				

Photo 2 of 3 : UCIP\_FA\_2021\_64879\_91015.jpg



View waterward. Dense vegetation and fencing

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1269 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64879\_91017.jpg



View landward and pipes

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1270</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193481 °	37.193481 °	
			-120.760333 °	-120.760333 °	
DWR ID	24874				

**Comment Code**

**Inspector Comment**

DS\_ID:24874  
FS\_ID:64833  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment  
Crossing Status: Found  
UCIP Comments: 11/16/2020 Record remains Non-Urgent. Dense vegetation and fence on the WS prevented proper inspection of pipe. No permit has been found authorizing this pipe. CVFPB will need to review crossing to determine owner. (O. Magana - DWR UCIP)04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 16-inch steel drainage discharge pipe sleeved through a 18-inch steel pipe through levee, at an unknown depth. Concrete intake structure located on the LS toe.  
FS Date: 11/6/2020

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1270 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64833\_71442.jpg



Outlets visible on waterward side.

Photo 2 of 3 : UCIP\_FA\_2021\_64833\_71441.jpg



View of waterward side.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>20.27</b>	Rating **	M	Issue No.	<b>1270 (cont)</b>
LM End	<b>20.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.193481 °	37.193481 °	
			-120.760333 °	-120.760333 °	
DWR ID	24874				

Photo 3 of 3 : UCIP\_FA\_2021\_64833\_71440.jpg



View of landward side.

LM Start	<b>20.70</b>	Rating **	M	Issue No.	<b>1271</b>
LM End	<b>20.70</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.187901 °	37.187901 °	
			-120.763508 °	-120.763508 °	
DWR ID	19555				

No Photos

**Comment Code**

**Inspector Comment**

DS\_ID:19555  
 FS\_ID:64880  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Geophysical Evaluation (Confirmed)  
 Crossing Status: Indicator Found  
 UCIP Comments: 05/06/2021 Record has been updated to Non-Urgent. DWR DMP geophysical survey found signal of potential pipe at new location 37.187894116, -120.76350376. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No UCIP inspection has been completed to date. Recommend having Levee inspector or the next UCIP inspector provide updated photos of location. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.71), listed as a 30-inch corrugated metal pipe (CMP)].  
 FS Date: 5/6/2021 9:58:00 AM

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	20.70	Rating **	M	Issue No.	1272
LM End	20.70	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.187901 °	37.187901 °
				-120.763508 °	-120.763508 °
DWR ID	19601				
Comment Code					
Inspector Comment					
DS_ID:19601 FS_ID:64881 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Geophysical Evaluation (Confirmed) Crossing Status: Indicator Found UCIP Comments: 05/06/2021 Record has been updated to Non-Urgent. DWR DMP geophysical survey found signal of potential pipe at new location 37.187894116, -120.76350376. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No UCIP inspection has been completed to date. Recommend having Levee inspector or the next UCIP inspector provide updated photos of location. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.71), listed as a 36-inch corrugated metal pipe (CMP)]. FS Date: 5/6/2021 10:03:00 AM					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	21.38	Rating **	M	Issue No.	1273
LM End	21.38	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.179246 °	37.179246 °
				-120.761635 °	-120.761635 °
DWR ID	19602				
Comment Code					
Inspector Comment					
DS_ID:19602 FS_ID:64882 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Geophysical Evaluation (Not Confirmed) Crossing Status: Not Found UCIP Comments: 05/06/2021 Record has been updated to Non-Urgent. DWR DMP geophysical survey found no signal of potential pipe at this location. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No UCIP inspection has been completed to date. Recommend having Levee inspector or the next UCIP inspector provide updated photos of location. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 16-inch corrugated metal gravity drainage pipe through the levee, 3 feet below the crown. No permit for this crossing. Appears abandoned. [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.39), listed as 16-inch corrugated metal pipe (CMP)]. FS Date: 5/6/2021 10:04:00 AM					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	21.40	Rating **	M	Issue No.	1274
LM End	21.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179065 °	37.179065 °
				-120.761567 °	-120.761567 °
DWR ID	19603				

**Comment Code**

**Inspector Comment**

DS\_ID:19603  
FS\_ID:64822  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Crossing is non-functional--crossing buried on landward side. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.41), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.40), listed as a 36-inch CMP].  
FS Date: 5/16/2021

LM Start	<b>21.40</b>	Rating **	M	Issue No.	<b>1274 (cont)</b>
LM End	<b>21.40</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64822\_66312.jpg



View of waterward side.

Photo 2 of 3 : UCIP\_FA\_2021\_64822\_66313.jpg



Flap gate half way submersed located on waterward side.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>21.40</b>	Rating **	M	Issue No.	<b>1274 (cont)</b>
LM End	<b>21.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.179065 °	37.179065 °	
			-120.761567 °	-120.761567 °	
DWR ID	19603				

Photo 3 of 3 : UCIP\_FA\_2021\_64822\_66311.jpg



View of landward side.

LM Start	<b>21.75</b>	Rating **	M	Issue No.	<b>1275</b>
LM End	<b>21.75</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.176106 °	37.176106 °	
			-120.756768 °	-120.756768 °	
DWR ID	19604				

**Comment Code**

**Inspector Comment**

DS\_ID:19604  
 FS\_ID:64823  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Non-functional crossing-landward side is buried. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.76), listed as a 24-inch CMP].  
 FS Date: 5/6/2021 9:50:07 AM

Photo 1 of 3 : UCIP\_FA\_2021\_64823\_65697.jpg



View of waterward side.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	21.75	Rating **	M	Issue No.	1275 (cont)
LM End	21.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.176106 °	37.176106 °
				-120.756768 °	-120.756768 °
DWR ID	19604				

Photo 2 of 3 : UCIP\_FA\_2021\_64823\_65695.jpg



Flap gate visible on waterward side.

LM Start	<b>21.75</b>	Rating **	M	Issue No.	<b>1275 (cont)</b>
LM End	<b>21.75</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_64823\_65696.jpg



View of landward side.

LM Start	22.06	Rating **	U	Issue No.	22
LM End	22.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.172074 °	37.166906 °
				-120.754628 °	-120.749962 °
DWR ID	DWR_NA0010_01_s_2020_22				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch has encroached into landside toe and slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_118\_22\_20210830\_00005.jpg



Looking upstream at irrigation at landside toe.

**\* Location**

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

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	22.08	Rating **	M	Issue No.	138
LM End	22.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.171686 °	37.166864 °
				-120.754607 °	-120.749946 °
DWR ID	DWR_NA0010_01_f _ 2021_138				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	22.11	Rating **	M	Issue No.	139
LM End	22.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.171336 °	37.166865 °
				-120.754564 °	-120.749950 °
DWR ID	DWR_NA0010_01_f_2021_139				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	22.12	Rating **	M	Issue No.	1276
LM End	22.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

**Comment Code**

**Inspector Comment**

DS\_ID:19605  
FS\_ID:64824  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 05/06/2021 Record remains Non-Urgent. This crossing appears to be non-functional based on the 2014 UCIP inspection. No field inspection has been completed by UCIP. DWR DMP internal inspection is pending and scheduled for 2021. Recommend having UCIP inspector or Levee inspector take current photos of the site. (O. Magana - DWR UCIP)04/25/2014 Non-functional crossing--landward side is buried. Need to contact owner to determine status. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Wooden headboards on the landside (LS) end. Brass cap No. 31 bench mark (BM) on the headwall on the LS.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 22.13), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.13), listed as a 24-inch CMP].  
FS Date: 5/6/2021 9:50:54 AM

LM Start	<b>22.12</b>	Rating **	M	Issue No.	<b>1276 (cont)</b>
LM End	<b>22.12</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_64824\_65709.jpg



View of waterward side.

Photo 2 of 3 : UCIP\_FA\_2021\_64824\_65707.jpg



Flap gate visible on waterward side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	09/14/2021 09/14/2021	Corey Fujitani

LM Start	22.12	Rating **	M	Issue No.	1276 (cont)
LM End	22.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

Photo 3 of 3 : UCIP\_FA\_2021\_64824\_65708.jpg



View of landward side.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 02A San Joaquin River			Left	7.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/7/2021 - 5/7/2021		9/13/2021 - 9/17/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	30	
LM End	0.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.293440 °	37.293440 °	
				-120.878978 °	-120.878978 °	
DWR ID	19652					
Comment Code						
Inspector Comment						
DS_ID:19652 FS_ID:67488 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/8/2021 Record remains Non-Urgent. There is dense vegetation around the LS pipe inlet, recommend removing to better inspect pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 139 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.24), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 0.24), listed as a 24-inch CMP]. FS Date: 6/8/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67488\_100054.jpg



Levee crown looking downstream.

LM Start	<b>0.23</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.23</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_67488\_100058.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>0.23</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.23</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.293440 °	37.293440 °	
			-120.878978 °	-120.878978 °	
DWR ID	19652				

Photo 3 of 3 : UCIP\_FA\_2021\_67488\_100059.jpg



LS view: Close up of pipe inlet at toe, vegetation covering opening.

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>0.66</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.288087 °	37.288087 °	
			-120.874919 °	-120.874919 °	
DWR ID	19653				

**Comment Code**

**Inspector Comment**

DS\_ID:19653  
 FS\_ID:67491  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. Some vegetation debris inside LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 138 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.69), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 0.67), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67491\_100062.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	0.66	Rating **	M	Issue No.	31 (cont)
LM End	0.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288087 °	37.288087 °
				-120.874919 °	-120.874919 °
DWR ID	19653				

Photo 2 of 3 : UCIP\_FA\_2021\_67491\_100063.jpg



LS view: Toe from crown.

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67491\_100064.jpg



LS view: Slope, headwall, and inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	0.68	Rating **	U	Issue No.	1
LM End	0.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.287517 °	37.287517 °
				-120.874583 °	-120.874583 °
DWR ID	NA0010U02ARM129.22				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U02ARM129.22  
 07/22/2021: No significant changes were observed since the previous inspection.  
 08/20/2020: This site was discovered during the DWR Spring 2012 Levee Inspections. A 250-ft long levee section has completely eroded away and no longer provides adequate flood protection. Note: Unit 2A is in the process of being turned over to State Parks.

LM Start	<b>0.68</b>	Rating **	U	Issue No.	<b>1 (cont)</b>
LM End	<b>0.74</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : SJR2021\_NA0010U02ARM129.22\_1.JPG



7/22/2021: View of the erosion and missing levee segment looking downstream.

Photo 2 of 3 : SJR2021\_NA0010U02ARM129.22\_4.JPG



7/22/2021: View of the eroded levee looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	0.68	Rating **	U	Issue No.	1 (cont)	
LM End	0.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR Erosion Survey			37.287517 °	37.287517 °	
				-120.874583 °	-120.874583 °	
DWR ID	NA0010U02ARM129.22					

Photo 3 of 3 : SJR2021\_DWR\_NA0010\_02A\_s\_2012\_5\_GE.JPG



8/20/2020: Aerial view of the erosion site (Google Earth Imagery from 7/18/2019).

LM Start	1.01	Rating **	M	Issue No.	32
LM End	1.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284889 °	37.284889 °
				-120.871352 °	-120.871352 °
DWR ID	19654				

**Comment Code**

**Inspector Comment**

DS\_ID:19654  
FS\_ID:67490  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation on LS slope, could not inspect pipe inlet, recommend clearing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe recommend clearing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 137 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.03), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.02), listed as a 24-inch CMP].  
FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67490\_100074.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.284889 °	37.284889 °	
			-120.871352 °	-120.871352 °	
DWR ID	19654				

Photo 2 of 3 : UCIP\_FA\_2021\_67490\_100075.jpg



LS view: Toe from crown.

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67490\_100076.jpg



LS view: Close up of pipe inlet and headwall, covered by vegetation.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	33
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

**Comment Code**

**Inspector Comment**

DS\_ID:19655  
FS\_ID:67492  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation over LS pipe inlet, recommend clearing out for easier pipe inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 136 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.23), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.22), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67492\_100079.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67492\_100080.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

Photo 3 of 3 : UCIP\_FA\_2021\_67492\_100081.jpg



LS view: Headwall and inlet barely visible at toe due to vegetation.

LM Start	1.25	Rating **	M	Issue No.	25
LM End	2.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.286246 °	37.289799 °
				-120.867335 °	-120.847620 °
DWR ID	DWR_NA0010_02A_f_2021_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
maybe remove					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_25\_20210927\_00069.jpg



Looking downstream along the landside slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	1.33	Rating **	M	Issue No.	34
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286463 °	37.286463 °
				-120.865997 °	-120.865997 °
DWR ID	19656				

**Comment Code**

**Inspector Comment**

DS\_ID:19656  
FS\_ID:67628  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation limits inspection of pipe inlet, headwall and inlet not visible at all, recommend clearing. WS flapgate seen with vegetation sticking out of it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.36), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.34), listed as a 36-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>1.33</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67628\_100086.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67628\_100087.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>1.33</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.286463 °	37.286463 °	
			-120.865997 °	-120.865997 °	
DWR ID	19656				

Photo 3 of 3 : UCIP\_FA\_2021\_67628\_100088.jpg



LS view: Slope from just above toe.

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>1.61</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.288599 °	37.288599 °	
			-120.862007 °	-120.862007 °	
DWR ID	19657				

**Comment Code**

**Inspector Comment**

DS\_ID:19657  
 FS\_ID:67494  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. Both WS and LS pipe ends are heavily vegetated. Headwalls and flapgate were just barely visible, recommend removal of vegetation on both sides. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014  
 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.63), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.62), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67494\_100094.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>1.61</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288599 °	37.288599 °
				-120.862007 °	-120.862007 °
DWR ID	19657				

Photo 2 of 3 : UCIP\_FA\_2021\_67494\_100095.jpg



LS view: Toe from crown.

LM Start	<b>1.61</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>1.61</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67494\_100096.jpg



LS view: Headwall and inlet covered in vegetation at toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>36</b>
LM End	<b>1.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.290836 °	37.290836 °	
			-120.858882 °	-120.858882 °	
DWR ID	19658				

**Comment Code**

**Inspector Comment**

DS\_ID:19658  
FS\_ID:67495  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense vegetation covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.88), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.86), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.85</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67495\_100100.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67495\_100101.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.290836 °	37.290836 °	
			-120.858882 °	-120.858882 °	
DWR ID	19658				

Photo 3 of 3 : UCIP\_FA\_2021\_67495\_100102.jpg



LS view: Slope and headwall from toe.

LM Start	<b>2.28</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>2.28</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.291686 °	37.291686 °	
			-120.851475 °	-120.851475 °	
DWR ID	19659				

**Comment Code**

**Inspector Comment**

DS\_ID:19659  
 FS\_ID:67496  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. LS pipe inlet covered by trash and debris, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.32), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 2.30), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67496\_100109.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	2.28	Rating **	M	Issue No.	37 (cont)
LM End	2.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291686 °	37.291686 °
				-120.851475 °	-120.851475 °
DWR ID	19659				

Photo 2 of 3 : UCIP\_FA\_2021\_67496\_100113.jpg



LS view: Toe from crown.

LM Start	<b>2.28</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>2.28</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67496\_100107.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	2.30	Rating **	M	Issue No.	38
LM End	2.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291532 °	37.291532 °
				-120.851203 °	-120.851203 °
DWR ID	19660				

**Comment Code**

**Inspector Comment**

DS\_ID:19660  
FS\_ID:68226  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent.  
Vegetation present at pipe inlet on LS, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.34), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 2.32), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>2.30</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.30</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68226\_100116.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68226\_100117.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>2.30</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.30</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.291532 °	37.291532 °	
			-120.851203 °	-120.851203 °	
DWR ID	19660				

Photo 3 of 3 : UCIP\_FA\_2021\_68226\_100118.jpg



LS view: Slope and headwall at toe.

LM Start	2.32	Rating **	M	Issue No.	26
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.291404 °	37.288768 °
				-120.850953 °	-120.846533 °
DWR ID	DWR_NA0010_02A_f_2021_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_26\_20210927\_00070.jpg



View of the vegetation on the waterside slope. (Fall 2021)

LM Start	2.32	Rating **	M	Issue No.	2
LM End	2.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.291433 °	37.291433 °
				-120.850917 °	-120.850917 °
DWR ID	DWR_NA0010_02A_s_2012_2				
Comment Code					
RA : Ramp					
Inspector Comment					
Unauthorized ramps are located on the landside and waterside slopes.					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_2\_20210830\_00004.jpg



Looking northeast at unauthorized ramp on landward slope.

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>2.58</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>2.58</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.289487 °	37.289487 °	
			-120.846941 °	-120.846941 °	
DWR ID	19661				

**Comment Code**

**Inspector Comment**

DS\_ID:19661  
FS\_ID:67629  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent.  
Vegetation on LS and WS limited close up inspection of flapgate and pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.60), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 2.59), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>2.58</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>2.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67629\_100127.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67629\_100126.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>2.58</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>2.58</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.289487 °	37.289487 °	
			-120.846941 °	-120.846941 °	
DWR ID	19661				

Photo 3 of 3 : UCIP\_FA\_2021\_67629\_100121.jpg



LS view: Slope from toe.

LM Start	<b>2.95</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>2.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.284326 °	37.284326 °	
			-120.845157 °	-120.845157 °	
DWR ID	19662				

**Comment Code**

**Inspector Comment**

DS\_ID:19662  
 FS\_ID:67501  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried in sediment, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.97), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 2.96), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67501\_100132.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>2.95</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>2.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.284326 °	37.284326 °	
			-120.845157 °	-120.845157 °	
DWR ID	19662				

Photo 2 of 3 : UCIP\_FA\_2021\_67501\_100133.jpg



LS view: Toe from crown.

LM Start	<b>2.95</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>2.95</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67501\_100134.jpg



LS view: Slope from toe.

LM Start	3.27	Rating **	M	Issue No.	27
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.279694 °	37.278198 °
				-120.844827 °	-120.841348 °
DWR ID	DWR_NA0010_02A_f_2021_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	3.28	Rating **	M	Issue No.	41
LM End	3.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

**Comment Code**

**Inspector Comment**

DS\_ID:19665  
FS\_ID:67502  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation limited view and inspection of LS pipe inlet. Recommend removal of LS vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.31), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 3.29), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>3.28</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>3.28</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67502\_100137.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67502\_100142.jpg



LS view: Toe from crown, pipe end not visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	3.28	Rating **	M	Issue No.	41 (cont)
LM End	3.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

Photo 3 of 3 : UCIP\_FA\_2021\_67502\_100136.jpg



LS view: Slope from toe.

LM Start	3.61	Rating **	M	Issue No.	42
LM End	3.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278203 °	37.278203 °
				-120.839884 °	-120.839884 °
DWR ID	19666				

**Comment Code**

**Inspector Comment**

DS\_ID:19666  
FS\_ID:67503  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS has boards blocking the open pipe inlet but there is significant sediment and vegetation on the other side of the boards, recommend cleaning around. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.63), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 3.62), listed as a 24-inch CMP].  
FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67503\_100146.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>3.61</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.278203 °	37.278203 °	
			-120.839884 °	-120.839884 °	
DWR ID	19666				

Photo 2 of 3 : UCIP\_FA\_2021\_67503\_100148.jpg



LS view: Toe from crown.

LM Start	<b>3.61</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>3.61</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67503\_100149.jpg



LS view: Slope from toe.

LM Start	3.69	Rating **	A/W	Issue No.	23
LM End	3.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.278949 °	37.278949 °
				-120.838776 °	-120.838776 °
DWR ID	DWR_NA0010_02A_f_2020_23				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_23\_20210830\_00006.jpg



Rutting along the levee crown. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	3.94	Rating **	M	Issue No.	43
LM End	3.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279704 °	37.279704 °
				-120.834709 °	-120.834709 °
DWR ID	19667				

**Comment Code**

**Inspector Comment**

DS\_ID:19667  
FS\_ID:67504  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation around LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Signs of erosion or sink hole present on landward toe--Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.96), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 3.95), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>3.94</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>3.94</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67504\_100154.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67504\_100155.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>3.94</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>3.94</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.279704 °	37.279704 °	
			-120.834709 °	-120.834709 °	
DWR ID	19667				

Photo 3 of 3 : UCIP\_FA\_2021\_67504\_100156.jpg



LS view: Slope from toe.

LM Start	<b>5.41</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>5.41</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.260069 °	37.260069 °	
			-120.831768 °	-120.831768 °	
DWR ID	19668				

**Comment Code**

**Inspector Comment**

DS\_ID:19668  
 FS\_ID:67505  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. Limited inspection on WS due to dense vegetation, flapgate not visible, recommend clearing away. Limited inspection on LS due to canal limiting access to inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 5.43), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67505\_100159.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>5.41</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>5.41</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.260069 °	37.260069 °	
			-120.831768 °	-120.831768 °	
DWR ID	19668				

Photo 2 of 3 : UCIP\_FA\_2021\_67505\_100162.jpg



LS view: Toe from crown.

LM Start	<b>5.41</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>5.41</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67505\_100163.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	6.03	Rating **	M	Issue No.	45
LM End	6.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253527 °	37.253527 °
				-120.823991 °	-120.823991 °
DWR ID	19669				
Comment Code					
Inspector Comment					
DS_ID:19669 FS_ID:67506 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried under sediment, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 6.06), listed as a 24-inch CMP]. FS Date: 6/7/2021					

LM Start	<b>6.03</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>6.03</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67506\_100164.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67506\_100168.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>6.03</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>6.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253527 °	37.253527 °	
			-120.823991 °	-120.823991 °	
DWR ID	19669				

Photo 3 of 3 : UCIP\_FA\_2021\_67506\_100169.jpg



LS view: Slope from toe.

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>6.47</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.248210 °	37.248210 °	
			-120.823120 °	-120.823120 °	
DWR ID	19670				

**Comment Code**

**Inspector Comment**

DS\_ID:19670  
 FS\_ID:67630  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. Limited inspection on LS due to canal and inability to access. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.50), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 6.50), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67630\_100173.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>6.47</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.248210 °	37.248210 °	
			-120.823120 °	-120.823120 °	
DWR ID	19670				

Photo 2 of 3 : UCIP\_FA\_2021\_67630\_100177.jpg



LS view: Toe from crown.

LM Start	<b>6.47</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>6.47</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67630\_100171.jpg



LS view: Close up of concrete box and pipe inlet.

LM Start	6.48	Rating **	M	Issue No.	29
LM End	6.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.248006 °	37.246283 °
				-120.823124 °	-120.822924 °
DWR ID	DWR_NA0010_02A_f_2021_29				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_29\_20210927\_00071.jpg



Looking at annual vegetation growing along the landside slope. (Fall 2021)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	6.97	Rating **	A/W	Issue No.	28
LM End	6.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.241125 °	37.241125 °
				-120.821747 °	-120.821747 °
DWR ID	DWR_NA0010_02A_f_2017_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_119\_28\_20210830\_00007.jpg



Looking northwest at landside slope.

LM Start	7.02	Rating **	M	Issue No.	47
LM End	7.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				
Comment Code					
Inspector Comment					
DS_ID:19671 FS_ID:67508 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation on WS limited inspection. LS pipe inlet is completely buried under sediment, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Pipe extension visible on landward side--need to contact owner for additional information about extension/modification. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 7.05), listed as a 24-inch CMP]. FS Date: 6/7/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_67508\_100180.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>7.02</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>7.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				

Photo 2 of 3 : UCIP\_FA\_2021\_67508\_100181.jpg



LS view: Toe from crown.

LM Start	<b>7.02</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>7.02</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67508\_100182.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	7.45	Rating **	M	Issue No.	48	
LM End	7.45	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.235448 °	37.235448 °	
				-120.816862 °	-120.816862 °	
DWR ID	19672					
Comment Code						
Inspector Comment						
DS_ID:19672 FS_ID:67509 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/7/2021 The record is Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 4-inch aluminum pipe of an unknown purpose through the levee, 0.333 feet below the crown. [Additional Resource(s): DWR Levee Logs, 2002 (HLM 7.48), listed as a 4-inch pipe] FS Date: 6/7/2021						

LM Start	<b>7.45</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>7.45</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67509\_100185.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67509\_100186.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	<b>7.45</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>7.45</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.235448 °	37.235448 °	
			-120.816862 °	-120.816862 °	
DWR ID	19672				

Photo 3 of 3 : UCIP\_FA\_2021\_67509\_100187.jpg



WS view: Toe from crown, no pipe visible.

LM Start	<b>7.74</b>	Rating **	M	Issue No.	<b>49</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.232650 °	37.232650 °	
			-120.813363 °	-120.813363 °	
DWR ID	19673				

**Comment Code**

**Inspector Comment**

DS\_ID:19673  
 FS\_ID:68455  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe end not visible, dense vegetation on both WS and LS ends, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 7.77), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68455\_100189.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	09/13/2021 09/17/2021	Corey Fujitani

LM Start	7.74	Rating **	M	Issue No.	49 (cont)
LM End	7.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232650 °	37.232650 °
				-120.813363 °	-120.813363 °
DWR ID	19673				

Photo 2 of 3 : UCIP\_FA\_2021\_68455\_100190.jpg



LS view: Headwall and inlet not visible under vegetation.

LM Start	<b>7.74</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>7.74</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68455\_100191.jpg



LS view: Slope from toe.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 02B San Joaquin River			Left	5.92
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/7/2021 - 5/7/2021		9/17/2021 - 9/17/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	28	
LM End	8.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.228343 °	37.228343 °	
				-120.808789 °	-120.808789 °	
DWR ID	19674					
Comment Code						
Inspector Comment						
DS_ID:19674 FS_ID:68227 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/7/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS headwall barely visible at toe due to dense vegetation. Dense vegetation also over WS flapgate. Limited inspection of both WS and LS pipe ends. Recommend removal of vegetation on both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope and landward headwall. Recommend removing vegetation along pipe alignment and toe to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.17), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 8.16), listed as a 24-inch CMP]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68227\_100048.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>8.13</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>8.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.228343 °	37.228343 °	
			-120.808789 °	-120.808789 °	
DWR ID	19674				

Photo 2 of 3 : UCIP\_FA\_2021\_68227\_100042.jpg



LS view: Slope from crown.

LM Start	<b>8.13</b>	Rating **	M	Issue No.	<b>28 (cont)</b>
LM End	<b>8.13</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68227\_100043.jpg



LS view: Headwall barely visible at toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	29
LM End	8.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.225241 °	37.225241 °
				-120.804286 °	-120.804286 °
DWR ID	19675				

**Comment Code**

**Inspector Comment**

DS\_ID:19675  
FS\_ID:67607  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. LS pipe inlet completely buried in dense vegetation, only top of headwall visible. Dense vegetation above WS flapgate. Limited inspection of pipe ends, recommend vegetation removal on both sides. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/14/2014 Dense vegetation on landward toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward slope. Recommend removing vegetation along pipe alignment toe to conduct proper inspection of structure. Sediment buildup in pipe--recommend clearing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.49), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 8.48), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67607\_100340.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67607\_100341.jpg



LS view: Toe and slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>29 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.225241 °	37.225241 °	
			-120.804286 °	-120.804286 °	
DWR ID	19675				

Photo 3 of 3 : UCIP\_FA\_2021\_67607\_100342.jpg



LS view: Slope from toe, top of headwall visible.

LM Start	<b>8.83</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.222271 °	37.222271 °	
			-120.798705 °	-120.798705 °	
DWR ID	19676				

**Comment Code**

**Inspector Comment**

DS\_ID:19676  
 FS\_ID:68228  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation around LS pipe end, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Burrow activity present on waterward slope. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.88), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (recorded as HLM 9.86 should be HLM 8.86), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68228\_100347.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>8.83</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.222271 °	37.222271 °	
			-120.798705 °	-120.798705 °	
DWR ID	19676				

Photo 2 of 3 : UCIP\_FA\_2021\_68228\_100348.jpg



LS view: Toe from crown.

LM Start	<b>8.83</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>8.83</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68228\_100349.jpg



LS view: Slope above headwall from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	9.00	Rating **	M	Issue No.	31
LM End	9.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220888 °	37.220888 °
				-120.796394 °	-120.796394 °
DWR ID	19677				
Comment Code					
Inspector Comment					
DS_ID:19677 FS_ID:67610 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Minor vegetation over LS pipe inlet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.03), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 9.02), listed as a 36-inch CMP]. FS Date: 6/7/2021					

LM Start	<b>9.00</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>9.00</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67610\_100353.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67610\_100354.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>9.00</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>9.00</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.220888 °	37.220888 °	
			-120.796394 °	-120.796394 °	
DWR ID	19677				

Photo 3 of 3 : UCIP\_FA\_2021\_67610\_100355.jpg



LS view: Slope and headwall at toe.

LM Start	<b>9.17</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>9.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.220520 °	37.220520 °	
			-120.793277 °	-120.793277 °	
DWR ID	19678				

**Comment Code**

**Inspector Comment**

DS\_ID:19678  
 FS\_ID:67611  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/7/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation over LS pipe inlet limited inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.21), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 9.20), listed as a 24-inch CMP].  
 FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67611\_100361.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>9.17</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>9.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220520 °	37.220520 °
				-120.793277 °	-120.793277 °
DWR ID	19678				

Photo 2 of 3 : UCIP\_FA\_2021\_67611\_100362.jpg



LS view: Toe from crown.

LM Start	<b>9.17</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>9.17</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67611\_100363.jpg



LS view: Top of headwall visible, pipe inlet covered with dense vegetation.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>9.43</b>	Rating **	U	Issue No.	<b>33</b>
LM End	<b>9.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.220227 °	37.220227 °	
			-120.788634 °	-120.788634 °	
DWR ID	19686				

**Comment Code**

**Inspector Comment**

DS\_ID:19686  
FS\_ID:68229  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5.0. Crossing will be monitored until funding becomes available to address the issues. Some rusting and peeling of liner inside LS pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.47), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 9.46), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>9.43</b>	Rating **	U	Issue No.	<b>33 (cont)</b>
LM End	<b>9.43</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68229\_100369.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68229\_100370.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>9.43</b>	Rating **	U	Issue No.	<b>33 (cont)</b>
LM End	<b>9.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.220227 °	37.220227 °	
			-120.788634 °	-120.788634 °	
DWR ID	19686				

Photo 3 of 3 : UCIP\_FA\_2021\_68229\_100371.jpg



LS view: Slope and headwall at toe.

LM Start	9.60	Rating **	M	Issue No.	15
LM End	9.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.220783 °	37.220783 °
				-120.785729 °	-120.785729 °
DWR ID	DWR_NA0010_02B_f_2020_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree limbs on the waterside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_15\_20210830\_00003.jpg



Tree limb on the waterside slope. (Fall 2020)

LM Start	9.90	Rating **	C	Issue No.	20
LM End	9.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.216923 °	37.216923 °
				-120.784007 °	-120.784007 °
DWR ID	DWR_NA0010_02B_f_2019_20				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dead tree limb hanging on landside toe.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	10.09	Rating **	M	Issue No.	34
LM End	10.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.214229 °	37.214229 °
				-120.784350 °	-120.784350 °
DWR ID	19687				

**Comment Code**

**Inspector Comment**

DS\_ID:19687  
FS\_ID:68231  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Some sediment buildup inside LS pipe inlet. LS pipe inlet also covered by some vegetation. Recommend cleaning out sediment and removing vegetation. WS flapgate partially underwater and covered by vegetation, limited inspection of both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.13), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 10.12), listed as a 24-inch CMP].  
FS Date: 6/7/2021

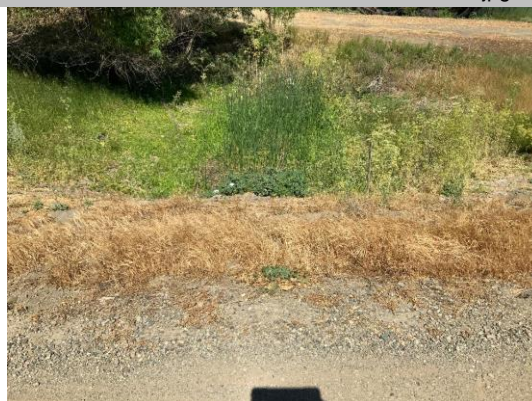
LM Start	10.09	Rating **	M	Issue No.	34 (cont)
LM End	10.09	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68231\_100376.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68231\_100377.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>10.09</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>10.09</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.214229 °	37.214229 °	
			-120.784350 °	-120.784350 °	
DWR ID	19687				

Photo 3 of 3 : UCIP\_FA\_2021\_68231\_100378.jpg



LS view: Slope and headwall from toe.

LM Start	10.41	Rating **	M	Issue No.	18
LM End	10.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.210202 °	37.208645 °
				-120.781968 °	-120.780424 °
DWR ID	DWR_NA0010_02B_f_2021_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_18\_20210929\_00043.jpg



View of the waterside slope looking upstream. (Fall 2021)

LM Start	10.45	Rating **	M	Issue No.	19
LM End	10.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.209791 °	37.206954 °
				-120.781560 °	-120.778788 °
DWR ID	DWR_NA0010_02B_f_2021_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_19\_20210929\_00044.jpg



Looking upstream along the landside slope. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>10.78</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>10.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.206352 °	37.206352 °	
			-120.777634 °	-120.777634 °	
DWR ID	19688				

**Comment Code**

**Inspector Comment**

DS\_ID:19688  
FS\_ID:67614  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. WS end and flapgate is overgrown with dense vegetation limiting inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.82), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 10.81), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>10.78</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>10.78</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67614\_100384.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67614\_100385.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	10.78	Rating **	M	Issue No.	35 (cont)
LM End	10.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.206352 °	37.206352 °
				-120.777634 °	-120.777634 °
DWR ID	19688				

Photo 3 of 3 : UCIP\_FA\_2021\_67614\_100386.jpg



LS view: Closeup of pipe inlet and slidegate at toe.

LM Start	10.94	Rating **	M	Issue No.	14
LM End	10.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.205711 °	37.205711 °
				-120.774741 °	-120.774741 °
DWR ID	DWR_NA0010_02B_f_2015_14				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_14\_20210830\_00002.jpg



Prunings at landside toe. (Fall 2018)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	11.14	Rating **	M	Issue No.	36
LM End	11.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204640 °	37.204640 °
				-120.771564 °	-120.771564 °
DWR ID	19689				

**Comment Code**

**Inspector Comment**

DS\_ID:19689  
FS\_ID:67615  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation covering LS pipe inlet limiting inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.18), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 11.17), listed as a 24-inch CMP].  
FS Date: 6/7/2021

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>11.14</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67615\_100388.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67615\_100389.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>11.14</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>11.14</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.204640 °	37.204640 °	
			-120.771564 °	-120.771564 °	
DWR ID	19689				

Photo 3 of 3 : UCIP\_FA\_2021\_67615\_100390.jpg



LS view: Headwall barely visible at toe, inlet covered in vegetation.

LM Start	<b>11.40</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>11.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.201792 °	37.201792 °	
			-120.768462 °	-120.768462 °	
DWR ID	19690				

**Comment Code**

**Inspector Comment**

DS\_ID:19690  
FS\_ID:68232  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/7/2021 The record remains Non-Urgent. Dense vegetation over LS end, cannot see pipe inlet, recommend vegetation removal. WS flapgate has some vegetation covering it, recommend clearing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Screw gate on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 11.43), listed as a 24-inch CMP].  
FS Date: 6/7/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68232\_100394.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>11.40</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>11.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.201792 °	37.201792 °	
			-120.768462 °	-120.768462 °	
DWR ID	19690				

Photo 2 of 3 : UCIP\_FA\_2021\_68232\_100395.jpg



LS view: Toe from crown, dense vegetation, no pipe visible.

LM Start	<b>11.40</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>11.40</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68232\_100396.jpg



WS view: Toe from crown.

LM Start	11.43	Rating **	U	Issue No.	17
LM End	11.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.201284 °	37.199268 °
				-120.768467 °	-120.768818 °
DWR ID	DWR_NA0010_02B_f_2021_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_17\_20210929\_00045.jpg



View of the vegetation on the landside shoulder and slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	12.06	Rating **	U	Issue No.	21
LM End	13.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.193628 °	37.179596 °
				-120.763859 °	-120.765134 °
DWR ID	DWR_NA0010_02B_f_2021_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_21\_20210929\_00046.jpg



View of dense vegetation growing on the landside slope. (Fall 2021)

LM Start	12.12	Rating **	M	Issue No.	23
LM End	12.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.192728 °	37.192093 °
				-120.764139 °	-120.764350 °
DWR ID	DWR_NA0010_02B_f_2021_23				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_23\_20210929\_00047.jpg



View of the waterside slope looking upstream. (Fall 2021)

LM Start	12.21	Rating **	M	Issue No.	1
LM End	12.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.191528 °	37.191528 °
				-120.764541 °	-120.764541 °
DWR ID	DWR_NA0010_02B_f_2014_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs are located on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_1\_20210830\_00001.jpg



Fallen tree on the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	12.46	Rating **	U	Issue No.	24
LM End	13.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.188091 °	37.178378 °
				-120.766158 °	-120.764310 °
DWR ID	DWR_NA0010_02B_f_2021_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_24\_20210929\_00048.jpg



View of vegetation on the waterside slope looking upstream. (Fall 2021)

LM Start	13.18	Rating **	M	Issue No.	38	
LM End	13.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.179265 °	37.179265 °	
				-120.764870 °	-120.764870 °	
DWR ID	19663					
Comment Code						
Inspector Comment						
DS_ID:19663 FS_ID:67725 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Sediment buildup inside LS pipe inlet, recommend cleaning out. Dense vegetation over WS end limited inspection, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6.5 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.23), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (recorded as HLM 13.32 should be HLM 13.22), listed as a 24-inch CMP]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67725\_100400.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>13.18</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>13.18</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.179265 °	37.179265 °	
			-120.764870 °	-120.764870 °	
DWR ID	19663				

Photo 2 of 3 : UCIP\_FA\_2021\_67725\_100402.jpg



LS view: Toe from crown.

LM Start	<b>13.18</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>13.18</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67725\_100403.jpg



LS view: Slope, headwall, and pipe inlet at toe.

LM Start	13.60	Rating **	M	Issue No.	26
LM End	13.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.174379 °	37.172298 °
				-120.760982 °	-120.761211 °
DWR ID	DWR_NA0010_02B_f_2021_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	13.64	Rating **	U	Issue No.	27
LM End	13.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.173743 °	37.172298 °
				-120.761047 °	-120.761210 °
DWR ID	DWR_NA0010_02B_f_2021_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_27\_20210929\_00049.jpg



View of grassy vegetation on the landside slope. (Fall 2021)

LM Start	13.67	Rating **	M	Issue No.	39	
LM End	13.67	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.173327 °	37.173327 °	
				-120.761055 °	-120.761055 °	
DWR ID	19664					
Comment Code						
Inspector Comment						
DS_ID:19664 FS_ID:67618 EP_NO: 14138 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Not Found UCIP Comments: 06/7/2021 The record remains Non-Urgent. Pipe not found by visual inspection. Dense vegetation on either side, no pipe visible. Recommend removing vegetation to assess if pipe is there. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI)05/14/201 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Concrete cutoff wall at the centerline of the pipe. Flap gate on the landside (LS) end. Screw gate on the waterside (WS) end with accessible walkway. (Plans to install a 24-inch reinforced concrete pipe through the levee authorized under Permit No. 14138, 1985 - United States Fish and Wildlife Service). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.71), listed as a 24-inch corrugated metal pipe]. FS Date: 6/7/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67618\_100405.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	<b>13.67</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>13.67</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.173327 °	37.173327 °	
			-120.761055 °	-120.761055 °	
DWR ID	19664				

Photo 2 of 3 : UCIP\_FA\_2021\_67618\_100407.jpg



LS view: Toe from crown, pipe not visible.

LM Start	<b>13.67</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>13.67</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67618\_100406.jpg



WS view: Toe from crown, pipe not visible.

LM Start	13.72	Rating **	M	Issue No.	25
LM End	13.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.172648 °	37.172648 °
				-120.761157 °	-120.761157 °
DWR ID	DWR_NA0010_02B_f_2018_25				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is occurring into the landside bank.					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_25\_20210830\_00006.jpg



View of erosion pocket in the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	09/17/2021 09/17/2021	Corey Fujitani

LM Start	13.73	Rating **	M	Issue No.	22
LM End	13.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.172387 °	37.172387 °
				-120.761190 °	-120.761190 °
DWR ID	DWR_NA0010_02B_f_2018_22				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent burrows observed at this location.					

Photo 1 of 1 : FA\_2021\_NA0010\_120\_22\_20210830\_00005.jpg



View of waterside slope looking upstream. (Fall 2018)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 03 San Joaquin River			Right	2.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	5/13/2021 - 5/13/2021		9/13/2021 - 9/13/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.19	Rating **	M	Issue No.	67
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.109013 °	37.109013 °
				-120.587799 °	-120.587799 °
DWR ID	DWR_NA0010_03_s_2015_67				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are noted on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_67\_20210830\_00007.jpg



Looking southwest at the landside shoulder.

LM Start	0.37	Rating **	M	Issue No.	9
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106799 °	37.106799 °
				-120.586388 °	-120.586388 °
DWR ID	DWR_NA0010_03_f_2019_9				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.41	Rating **	M	Issue No.	16
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106310 °	37.106310 °
				-120.585859 °	-120.585859 °
DWR ID	DWR_NA0010_03_f_2018_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are located on land and water side of gate.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	68
LM End	0.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.106233 °	37.106233 °
				-120.585797 °	-120.585797 °
DWR ID	19691				

**Comment Code**

**Inspector Comment**

DS\_ID:19691  
FS\_ID:67937  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. Dense vegetation over LS pipe inlet, headwall just barely visible, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/17/2014 Need to contact owner. Recommend removing tall grass on landward slope and clearing sediment build up inside pipe. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 0.43), listed as a 24-inch CMP].  
FS Date: 7/12/2021

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>0.42</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67937\_101344.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67937\_101343.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>0.42</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.106233 °	37.106233 °	
			-120.585797 °	-120.585797 °	
DWR ID	19691				

Photo 3 of 3 : UCIP\_FA\_2021\_67937\_101341.jpg



LS view: Toe from crown.

LM Start	0.43	Rating **	M	Issue No.	6
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.106121 °	37.106121 °
				-120.585680 °	-120.585680 °
DWR ID	DWR_NA0010_03_f_2017_6				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_6\_20210929\_00020.jpg



Looking east at the landside slope. (Fall 2021)

LM Start	0.43	Rating **	M	Issue No.	13
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.106072 °	37.089499 °
				-120.585636 °	-120.568041 °
DWR ID	DWR_NA0010_03_s_2021_13				
Comment Code					
DT : Ditch					
Inspector Comment					
Landowner has dug a ditch in the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_13\_20210830\_00005.jpg



View of ditch dug on the landside toe. (Spring 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.57	Rating **	U	Issue No.	10
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104343 °	37.104343 °
				-120.584348 °	-120.584348 °
DWR ID	DWR_NA0010_03_s_2021_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_10\_20210830\_00004.jpg



Several large rodent burrows observed at this location. (Spring 2021)

LM Start	0.58	Rating **	M	Issue No.	15
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104260 °	37.101912 °
				-120.584274 °	-120.580490 °
DWR ID	DWR_NA0010_03_s_2021_15				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.76	Rating **	M	Issue No.	69
LM End	0.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.102964 °	37.102964 °
				-120.581421 °	-120.581421 °
DWR ID	19692				

**Comment Code**

**Inspector Comment**

DS\_ID:19692  
FS\_ID:67938  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record has been upgraded from No Action Needed to Non-Urgent. Dense vegetation over LS pipe inlet, headwall barely visible. Minor vegetation on WS, recommend removal on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 0.77), listed as a 24-inch CMP].  
FS Date: 7/12/2021

LM Start	<b>0.76</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>0.76</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67938\_101348.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_67938\_101349.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.76</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>0.76</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.102964 °	37.102964 °	
			-120.581421 °	-120.581421 °	
DWR ID	19692				

Photo 3 of 3 : UCIP\_FA\_2021\_67938\_101350.jpg



LS view: Slope from toe.

LM Start	0.86	Rating **	M	Issue No.	8
LM End	0.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.101821 °	37.101821 °
				-120.580358 °	-120.580358 °
DWR ID	DWR_NA0010_03_f_2020_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_8\_20210830\_00003.jpg



Depression in the levee crown from rodent activity. (Fall 2020)

LM Start	1.00	Rating **	M	Issue No.	7
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.100354 °	37.096845 °
				-120.578810 °	-120.576335 °
DWR ID	DWR_NA0010_03_f _ 2021_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_7\_20210929\_00021.jpg



Looking upstream along the landside slope. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Lower San Joaquin Levee District

No Photos

No Photos

Page 7 of 11

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	1.71	Rating **	M	Issue No.	70	
LM End	1.71	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.092079 °	37.092079 °	
				-120.572316 °	-120.572316 °	
DWR ID	19693					
Comment Code						
Inspector Comment						
DS_ID:19693 FS_ID:67939 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. There is dense vegetation over LS pipe inlet and WS flapgate, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  04/17/2014 Sediment buildup in pipe visible from landward side-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.73), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 1.72), listed as a 24-inch CMP]. FS Date: 7/12/2021						

LM Start	1.71	Rating **	M	Issue No.	70 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67939\_101357.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_67939\_101358.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>1.71</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>1.71</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.092079 °	37.092079 °
				-120.572316 °	-120.572316 °
DWR ID	19693				

Photo 3 of 3 : UCIP\_FA\_2021\_67939\_101359.jpg



LS view: Slope and headwall from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	2.04	Rating **	M	Issue No.	71
LM End	2.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.089394 °	37.089394 °
				-120.567731 °	-120.567731 °
DWR ID	19694				

**Comment Code**

**Inspector Comment**

DS\_ID:19694  
FS\_ID:67940  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. Dense vegetation over WS and LS inlet/outlet, recommend removal. As mentioned in the previous inspection, there is a 16 inch metal pipe directly opposite the WS pipe slidegate/outlet that goes just underground and out through to the channel. Recommend contacting owner for more information on these WS appurtenances. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI) 04/17/2014 Need to contact owner--additional appurtenances found on waterward side not part of original description. Unable to determine if walkway, pump, and pipe through waterward berm is if part of original crossing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal irrigation discharge pipe through the levee, 6.6 feet below the crown. Pump on the riverbank. Slide gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.05), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 2.05), listed as a 36-inch CMP].  
FS Date: 7/12/2021

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67940\_101366.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_67940\_101363.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>2.04</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>2.04</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.089394 °	37.089394 °	
			-120.567731 °	-120.567731 °	
DWR ID	19694				

Photo 3 of 3 : UCIP\_FA\_2021\_67940\_101365.jpg



LS view: Slope from toe.

LM Start	2.05	Rating **	U	Issue No.	5
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.089289 °	37.089289 °
				-120.567463 °	-120.567463 °
DWR ID	DWR_NA0010_03_s_2018_5				
Comment Code					
MA : Material					
Inspector Comment					
Two large concrete blocks are located on the landward toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_5\_20210830\_00001.jpg



Looking southwest at concrete blocks on landward toe. (Spring 2018)

LM Start	2.07	Rating **	M	Issue No.	14
LM End	2.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.089177 °	37.089070 °
				-120.567126 °	-120.566977 °
DWR ID	DWR_NA0010_03_f _ 2018_14				
Comment Code					
DE : Debris					
Inspector Comment					
Debris from ditch dredging left on landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_121\_14\_20210830\_00006.jpg



View of debris from dredging left on landside slope. (Fall 2018)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 04 San Joaquin River			Left	1.41
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M *	
Date of Inspection	5/13/2021 - 5/13/2021		9/13/2021 - 9/13/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By				

\* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

**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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.03	Rating **	M	Issue No.	10	
LM End	0.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.112353 °	37.112353 °	
				-120.589565 °	-120.589565 °	
DWR ID	19977					
Comment Code						
Inspector Comment						
DS_ID:19977 FS_ID:68823 EP_NO: 5024 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet is underwater, limited inspection. LS headwall and pipe inlets have human trash around and safety concerns to inspectors due to homeless encampments. Limited inspection on both WS due to water and LS due to safety concerns to the inspectors. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) 04/17/2014 Slide gates blocked by sediment. Recommend contacting owner to determine status of crossing. Crossing appears to be abandoned. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [San Joaquin River Diversion Structure] 1 of 4: 72-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 21 feet below the crown. Slide gate on the waterside (WS). Concrete headwall on each end. Landside (LS) slope cobble revetted. Flashboards on the downstream side of the structure. [Additional Resource(s): DWR Levee Log, 2002 (HLM 0.03), listed as four 6-foot by 5-foot concrete culverts] FS Date: 7/12/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68823\_101380.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.03</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.03</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.112353 °	37.112353 °	
			-120.589565 °	-120.589565 °	
DWR ID	19977				

Photo 2 of 3 : UCIP\_FA\_2021\_68823\_101378.jpg



LS view: Toe from crown.

LM Start	<b>0.03</b>	Rating **	M	Issue No.	<b>10 (cont)</b>
LM End	<b>0.03</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68823\_101379.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	11
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.112348 °	37.112348 °
				-120.589581 °	-120.589581 °
DWR ID	24856				

**Comment Code**

**Inspector Comment**

DS\_ID:24856  
FS\_ID:68825  
EP\_NO: 5024  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet is underwater, limited inspection. LS headwall and pipe inlets have human trash around and safety concerns to inspectors due to homeless encampments. Limited inspection on both WS due to water and LS due to safety concerns to the inspectors. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)

04/17/2014 Slide gates blocked by sediment. Recommend contacting owner to determine status of crossing. Crossing appears to be abandoned. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: [San Joaquin River Diversion Structure] 2 of 4: 72-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 21 feet below the crown. Slide gate on the waterside (WS). Concrete headwall on each end. Landside (LS) slope cobble revetted. Flashboards on the downstream side of the structure. [Additional Resource(s): DWR Levee Log, 2002 (HLM 0.03), listed as four 6-foot by 5-foot concrete culverts]

FS Date: 7/12/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68825\_101386.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>11 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.112348 °	37.112348 °	
			-120.589581 °	-120.589581 °	
DWR ID	24856				

Photo 2 of 3 : UCIP\_FA\_2021\_68825\_101384.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>11 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68825\_101385.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	12
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.112343 °	37.112343 °
				-120.589601 °	-120.589601 °
DWR ID	24857				

**Comment Code**

**Inspector Comment**

DS\_ID:24857  
FS\_ID:68826  
EP\_NO: 5024  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet is underwater, limited inspection. LS headwall and pipe inlets have human trash around and safety concerns to inspectors due to homeless encampments. Limited inspection on both WS due to water and LS due to safety concerns to the inspectors. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)  
04/17/2014 Slide gates blocked by sediment. Recommend contacting owner to determine status of crossing. Crossing appears to be abandoned. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [San Joaquin River Diversion Structure] 3 of 4: 72-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 21 feet below the crown. Slide gate on the waterside (WS). Concrete headwall on each end. Landside (LS) slope cobble revetted. Flashboards on the downstream side of the structure.  
[Additional Resource(s): DWR Levee Log, 2002 (HLM 0.03), listed as four 6-foot by 5-foot concrete culverts]  
FS Date: 7/12/2021

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68826\_101391.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68826\_101389.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.112343 °	37.112343 °
				-120.589601 °	-120.589601 °
DWR ID	24857				

Photo 3 of 3 : UCIP\_FA\_2021\_68826\_101390.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	13
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.112336 °	37.112336 °
				-120.589624 °	-120.589624 °
DWR ID	24858				

**Comment Code**

**Inspector Comment**

DS\_ID:24858  
FS\_ID:68827  
EP\_NO: 5024  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet is underwater, limited inspection. LS headwall and pipe inlets have human trash around and safety concerns to inspectors due to homeless encampments. Limited inspection on both WS due to water and LS due to safety concerns to the inspectors. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)  
04/17/2014 Slide gates blocked by sediment. Recommend contacting owner to determine status of crossing. Crossing appears to be abandoned. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [San Joaquin River Diversion Structure] 4 of 4: 72-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 21 feet below the crown. Slide gate on the waterside (WS). Concrete headwall on each end. Landside (LS) slope cobble revetted. Flashboards on the downstream side of the structure.  
[Additional Resource(s): DWR Levee Log, 2002 (HLM 0.03), listed as four 6-foot by 5-foot concrete culverts]  
FS Date: 7/12/2021

LM Start	<b>0.04</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>0.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68827\_101397.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68827\_101395.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.	13 (cont)
LM End	0.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.112336 °	37.112336 °
				-120.589624 °	-120.589624 °
DWR ID	24858				

Photo 3 of 3 : UCIP\_FA\_2021\_68827\_101396.jpg



LS view: Slope from crown.

LM Start	0.04	Rating **	U	Issue No.	9
LM End	0.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.112335 °	37.112335 °
				-120.589622 °	-120.589622 °
DWR ID	DWR_NA0010_04_f _ 2021_9				
Comment Code					
Inspector Comment					
District lock has been removed. Cannot access through gate.					

Photo 1 of 1 : FA\_2021\_NA0010\_122\_9\_20210929\_00023.jpg



District lock has been removed from the gate. (Fall 2021)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.16	Rating **	M	Issue No.	14	
LM End	0.16	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.111022 °	37.111022 °	
				-120.591070 °	-120.591070 °	
DWR ID	19564					
Comment Code						
Inspector Comment						
DS_ID:19564 FS_ID:67949 EP_NO: 4144 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/9/2021 The record is Non-Urgent. Pipe not found during the in field inspection. Pipe not found by visual inspection. DWR DMP geophysical study 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. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Metal cutoff walls around pipe on both levee shoulders. Concrete headwall on the landside (LS) end. Concrete end wall on the waterside (WS) end. Flap gate on the WS end. (36-inch pipe through the levee authorized under Permit No. 4144, 1962 - Menefee River Ranch Company). FS Date: 7/12/2021						

LM Start	<b>0.16</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>0.16</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67949\_101400.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_67949\_101402.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.16	Rating **	M	Issue No.	14 (cont)
LM End	0.16	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.111022 °	37.111022 °
				-120.591070 °	-120.591070 °
DWR ID	19564				

Photo 3 of 3 : UCIP\_FA\_2021\_67949\_101401.jpg



WS view: Toe from crown, no pipe visible.

LM Start	0.24	Rating **	M	Issue No.	15
LM End	0.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109933 °	37.109933 °
				-120.590689 °	-120.590689 °
DWR ID	19695				

**Comment Code**

**Inspector Comment**

DS\_ID:19695  
FS\_ID:68543  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS flapgate is underwater and covered by vegetation. LS inlet also covered by vegetation, recommend removal on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Sediment and debris blocking concrete headwall located on waterward side. During inspection water was flowing from landward side to waterward side. Recommend removing sediment to confirm condition of flap gate and pipe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002[Additional Resource(s): DWR Levee Log, 2002 (HLM 0.03), listed as four 6-foot by 5-foot concrete culverts] (HLM 0.24), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR 601.1), 1967, Revised 25 May 2011, (HLM 0.27), listed as a 36-inch CMP].  
FS Date: 7/12/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68543\_101404.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.24</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.24</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.109933 °	37.109933 °	
			-120.590689 °	-120.590689 °	
DWR ID	19695				

Photo 2 of 3 : UCIP\_FA\_2021\_68543\_101405.jpg



LS view: Toe from crown.

LM Start	<b>0.24</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.24</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68543\_101406.jpg



LS view: Pipe inlet with water in it at toe.

LM Start	0.32	Rating **	M	Issue No.	3
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.108822 °	37.097556 °
				-120.590718 °	-120.578130 °
DWR ID	DWR_NA0010_04_s_2012_3				
Comment Code					
DT : Ditch					
Inspector Comment					
An irrigation ditch is within 10' easement.					

Photo 1 of 1 : FA\_2021\_NA0010\_122\_3\_20210830\_00001.jpg



Looking upstream at an irrigation ditch at the landside toe. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	1.34	Rating **	M	Issue No.	16
LM End	1.34	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.095274 °	37.095274 °
				-120.577959 °	-120.577959 °
DWR ID	19975				
Comment Code					
Inspector Comment					
DS_ID:19975 FS_ID:40530 EP_NO: 3416 Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Unable to confirm if crossing is still in use. Need to contact owner to confirm status. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe, encased in 6-inches of reinforced concrete through the levee. Concrete cutoff wall at center of levee. Pumping plant on the waterward bank. Pump and irrigation pipe retained under Permit No. 3416 (1964). FS Date: 4/17/2014					

Photo 1 of 3 : UCIP\_FA\_2021\_40530\_61987.jpg



View of waterward side.

LM Start	1.34	Rating **	M	Issue No.	16 (cont)
LM End	1.34	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_40530\_61988.jpg



Overview of waterward side and 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>1.34</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>1.34</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.095274 °	37.095274 °
				-120.577959 °	-120.577959 °
DWR ID	19975				

Photo 3 of 3 : UCIP\_FA\_2021\_40530\_61986.jpg



Pump and walkway located on waterward side.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 05 East Side Bypass			Right	34.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/5/2021 - 5/6/2021		9/15/2021 - 9/16/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	0.08	Rating **	M	Issue No.	1310
LM End	0.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				

**Comment Code**

**Inspector Comment**

DS\_ID:19756  
FS\_ID:70107  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Levee Damage or Threat for Levee Damage  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Some soil sloughing/erosion on the WS slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/09/2014 Debris blocking landward headwall--recommend clearing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.07), listed as a 24-inch corrugated metal pipe [CMP]. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.07), listed as a 24-inch CMP]  
FS Date: 6/1/2021

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>1310 (cont)</b>
LM End	<b>0.08</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70107\_99634.jpg



levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70107\_99635.jpg



LS view: Headwall visible at toe from crown.

**\* Location**

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

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>1310 (cont)</b>
LM End	<b>0.08</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				

Photo 3 of 3 : UCIP\_FA\_2021\_70107\_99637.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	0.31	Rating **	U	Issue No.	1311
LM End	0.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.276669 °	37.276669 °
				-120.819755 °	-120.819755 °
DWR ID	24867				
Comment Code					
Inspector Comment					
DS_ID:24867 FS_ID:70177 EP_NO: N/A Repair Type: Urgent EVAL Issue: Levee Integrity Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Urgent. Same as previous inspection comments. There is no flapgate, the pipe is open on both ends. Pipe is being bent down from the top. Crown has subsided about 4 feet from the original crown. Minor erosion around pipe on both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  11/01/2018 Same as previous inspection, 1960s levee breach; degraded levee section that drops about 4 feet within a 100-foot levee section. Crossing remains Urgent due to the levee degradation at this location. (O. Magana - DWR UCIP)07/20/2016 same as previous inspection. Levee section at crossing has been degraded. According to LMA representative, Rick, the low point at crossing has been present for over 10 years when the pipe was replaced. (O. Magana - DWR UCIP)04/09/2014 Pipe is open on both ends and levee has been degraded at this location. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 96-inch corrugated metal gravity drainage pipe through the levee, 4.5 feet below the crown. Pipe is composed of two materials: corrugated metal pipe (CMP) on the waterside (WS) and steel pipe on the landside (LS). This section of the levee is a degraded section that drops approximately 4 feet within 100 feet of length. This section of the levee is the site of the 1960s levee breach. [Additional Reference(s): USACE Periodic Inspection Report 2014, USACE_CESPK_L05A_2014_p_0014]. FS Date: 6/1/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70177\_99641.jpg



Levee crown looking downstream. Crown is lower above pipe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.31</b>	Rating **	U	Issue No.	<b>1311 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.276669 °	37.276669 °	
			-120.819755 °	-120.819755 °	
DWR ID	24867				

Photo 2 of 3 : UCIP\_FA\_2021\_70177\_99642.jpg



LS view: Slope and pipe inlet, top being bent down from toe.

LM Start	<b>0.31</b>	Rating **	U	Issue No.	<b>1311 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70177\_99643.jpg



LS view: Inside pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	1312	
LM End	0.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.276578 °	37.276578 °	
				-120.819793 °	-120.819793 °	
DWR ID	19557					
Comment Code						
Inspector Comment						
DS_ID:19557 FS_ID:69869 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)11/01/2018 24-inch corrugated metal pipe (CMP) section found during pipe inspection of dsid 24867 (see photos); according to LMA representative levee section is the location of levee breach from 1960s; 24-inch pipe was undersized and was replaced after levee breach with a 96-inch CMP and steel pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5.6 feet below the crown. Flap gate on the waterside (WS) end. Large pipe found at this location. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.30), listed as a 24-inch corrugated metal pipe (CMP)] FS Date: 6/1/2021						

LM Start	<b>0.31</b>	Rating **	M	Issue No.	<b>1312 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69869\_99649.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_69869\_99648.jpg



LS view: Slope and toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.31</b>	Rating **	M	Issue No.	<b>1312 (cont)</b>
LM End	<b>0.31</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.276578 °	37.276578 °	
			-120.819793 °	-120.819793 °	
DWR ID	19557				

Photo 3 of 3 : UCIP\_FA\_2021\_69869\_99650.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>1313</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273945 °	37.273945 °	
			-120.815835 °	-120.815835 °	
DWR ID	19757				

**Comment Code**

**Inspector Comment**

DS\_ID:19757  
 FS\_ID:70109  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Damage  
 Crossing Status: Found  
 UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/09/2014 Excess debris on landward headwall--recommend clearing. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.58), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.59), listed as a 30-inch CMP]  
 FS Date: 6/1/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70109\_99654.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	0.60	Rating **	M	Issue No.	1313 (cont)	
LM End	0.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.273945 °	37.273945 °	
				-120.815835 °	-120.815835 °	
DWR ID	19757					

Photo 2 of 3 : UCIP\_FA\_2021\_70109\_99655.jpg



LS view: Slope and headwall from toe.

LM Start	<b>0.60</b>	Rating **	M	Issue No.	<b>1313 (cont)</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70109\_99656.jpg



LS view: Close up of pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.65</b>	Rating **	U	Issue No.	<b>1314</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273398 °	37.273398 °	
			-120.815082 °	-120.815082 °	
DWR ID	19758				

**Comment Code**

**Inspector Comment**

DS\_ID:19758  
FS\_ID:70049  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No closeup inspection of LS pipe end due to dense vegetation and barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. Cobble revetment around both ends. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.64), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.65), listed as a 36-inch CMP].  
FS Date: 6/1/2021

LM Start	<b>0.65</b>	Rating **	U	Issue No.	<b>1314 (cont)</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70049\_99659.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70049\_99660.jpg



LS view: Headwall barely visible at toe from crown.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.65</b>	Rating **	U	Issue No.	<b>1314 (cont)</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.273398 °	37.273398 °	
			-120.815082 °	-120.815082 °	
DWR ID	19758				

Photo 3 of 3 : UCIP\_FA\_2021\_70049\_99661.jpg



WS view: Toe from crown.

LM Start	<b>0.85</b>	Rating **	U	Issue No.	<b>1315</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.271894 °	37.271894 °	
			-120.812224 °	-120.812224 °	
DWR ID	19759				

**Comment Code**

**Inspector Comment**

DS\_ID:19759  
FS\_ID:70050  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.84), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.84), listed as a 24-inch CMP]  
FS Date: 6/1/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70050\_99664.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.85</b>	Rating **	U	Issue No.	<b>1315 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.271894 °	37.271894 °	
			-120.812224 °	-120.812224 °	
DWR ID	19759				

Photo 2 of 3 : UCIP\_FA\_2021\_70050\_99668.jpg



LS view: Toe from crown.

LM Start	<b>0.85</b>	Rating **	U	Issue No.	<b>1315 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70050\_99669.jpg



LS view: Slope and headwall at toe.

LM Start	1.17	Rating **	M	Issue No.	111
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.268866 °	37.267985 °
				-120.808460 °	-120.807542 °
DWR ID	DWR_NA0010_05_f_2018_111				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree limbs left along the levee toe.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	1.45	Rating **	M	Issue No.	1316
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °
				-120.804955 °	-120.804955 °
DWR ID	19760				
Comment Code					
Inspector Comment					
DS_ID:19760 FS_ID:70110 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe inlet blocked by barbed wire, could not inspect. Small pipe lodged in the WS flapgate so it cannot be closed all the way, recommend removal before flood season. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 21 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.44), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.44), listed as a 36-inch CMP] FS Date: 6/1/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70110\_99672.jpg



Levee crown looking downstream.

LM Start	1.45	Rating **	M	Issue No.	1316 (cont)
LM End	1.45	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70110\_99670.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	1.45	Rating **	M	Issue No.	1316 (cont)
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °
				-120.804955 °	-120.804955 °
DWR ID	19760				

Photo 3 of 3 : UCIP\_FA\_2021\_70110\_99671.jpg



LS view: Headwall barely visible at toe behind barbed wire.

LM Start	1.66	Rating **	A/W	Issue No.	80
LM End	1.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263448 °	37.262225 °
				-120.802715 °	-120.802296 °
DWR ID	DWR_NA0010_05_f_2015_80				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_80\_20210830\_00009.jpg



Looking at typical view of rodent holes within this section on landward slope.

LM Start	2.82	Rating **	M	Issue No.	102
LM End	2.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.256805 °	37.256805 °
				-120.785434 °	-120.785434 °
DWR ID	DWR_NA0010_05_s_2019_102				
Comment Code					
TR : Tree or limb					
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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	2.84	Rating **	M	Issue No.	1317
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				
Comment Code					
Inspector Comment					
DS_ID:19809 FS_ID:70111 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Barbed wire over LS end, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/09/2014 Log partially blocking inlet at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.83), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.85), listed as a 24-inch CMP] FS Date: 6/1/2021					

LM Start	<b>2.84</b>	Rating **	M	Issue No.	<b>1317 (cont)</b>
LM End	<b>2.84</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70111\_99680.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70111\_99677.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	2.84	Rating **	M	Issue No.	1317 (cont)
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				

Photo 3 of 3 : UCIP\_FA\_2021\_70111\_99678.jpg



LS view: Headwall barely visible at toe behind barbed wire.

LM Start	3.23	Rating **	A/W	Issue No.	127
LM End	3.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256278 °	37.256278 °
				-120.778404 °	-120.778404 °
DWR ID	DWR_NA0010_05_f_2018_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_127\_20210929\_00334.jpg



View of rodent holes in the water side slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	3.34	Rating **	M	Issue No.	1318
LM End	3.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255258 °	37.255258 °
				-120.776996 °	-120.776996 °
DWR ID	19810				

**Comment Code**

**Inspector Comment**

DS\_ID:19810  
FS\_ID:70112  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Pipe is eroded through causing holes just behind the WS flapgate. Metal peeling away inside of pipe outlet. Flapgate is rusted with some corrosion. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/15/2014 Pipe corroded through at flapgate on WS toe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 3.36), listed as a 24-inch corrugated metal pipe [CMP]. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.33), listed as a 24-inch CMP]  
FS Date: 6/1/2021

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>1318 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70112\_99689.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70112\_99690.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>1318 (cont)</b>
LM End	<b>3.34</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.255258 °	37.255258 °	
			-120.776996 °	-120.776996 °	
DWR ID	19810				

Photo 3 of 3 : UCIP\_FA\_2021\_70112\_99691.jpg



LS view: Slope and headwall at toe.

LM Start	3.54	Rating **	M	Issue No.	122
LM End	3.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255182 °	37.255182 °
				-120.773708 °	-120.773708 °
DWR ID	DWR_NA0010_05_f _ 2019_122				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs fallen on the landside toe should be removed.					

No Photos

LM Start	3.55	Rating **	M	Issue No.	134
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.255202 °	37.255202 °
				-120.773655 °	-120.773655 °
DWR ID	DWR_NA0010_05_f _ 2018_134				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are located within this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_134\_20210830\_00032.jpg



Looking at typical rodent holes within this section. (Spring 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	3.68	Rating **	M	Issue No.	1319
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252308 °	37.252308 °
				-120.768038 °	-120.768038 °
DWR ID	19811				

**Comment Code**

**Inspector Comment**

DS\_ID:19811  
FS\_ID:70113  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record remains Non-Urgent. Some debris buildup within the LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.67), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.67), listed as a 24-inch CMP]  
FS Date: 6/1/2021

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>1319 (cont)</b>
LM End	<b>3.68</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70113\_99696.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70113\_99700.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	3.68	Rating **	M	Issue No.	1319 (cont)
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252308 °	37.252308 °
				-120.768038 °	-120.768038 °
DWR ID	19811				

Photo 3 of 3 : UCIP\_FA\_2021\_70113\_99694.jpg



LS view: Slope and headwall at toe.

LM Start	4.02	Rating **	M	Issue No.	1320
LM End	4.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248432 °	37.248432 °
				-120.764066 °	-120.764066 °
DWR ID	19769				

**Comment Code**

**Inspector Comment**

DS\_ID:19769  
 FS\_ID:70114  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/1/2021 Record remains Non-Urgent. Some sediment buildup in LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end.  
 [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.01), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.02), listed as a 24-inch CMP]  
 FS Date: 6/1/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70114\_99704.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	4.02	Rating **	M	Issue No.	1320 (cont)	
LM End	4.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.248432 °	37.248432 °	
				-120.764066 °	-120.764066 °	
DWR ID	19769					

Photo 2 of 3 : UCIP\_FA\_2021\_70114\_99701.jpg



LS view: Toe from crown.

LM Start	<b>4.02</b>	Rating **	M	Issue No.	<b>1320 (cont)</b>
LM End	<b>4.02</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70114\_99702.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	4.27	Rating **	M	Issue No.	1321
LM End	4.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246008 °	37.246008 °
				-120.760706 °	-120.760706 °
DWR ID	19770				

**Comment Code**

**Inspector Comment**

DS\_ID:19770  
FS\_ID:69872  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/1/2021 Record remains Non-Urgent. Sizable burrow complex on WS slope, with several holes around 3-4 inches wide, recommend filling in for levee integrity. There is also sediment buildup within the LS pipe inlet, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.27), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.27), listed as a 24-inch CMP]  
FS Date: 6/1/2021

LM Start	<b>4.27</b>	Rating **	M	Issue No.	<b>1321 (cont)</b>
LM End	<b>4.27</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69872\_99711.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_69872\_99714.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	4.27	Rating **	M	Issue No.	1321 (cont)	
LM End	4.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.246008 °	37.246008 °	
				-120.760706 °	-120.760706 °	
DWR ID	19770					

Photo 3 of 3 : UCIP\_FA\_2021\_69872\_99715.jpg



LS view: Close up of pipe inlet with sediment buildup at toe.

LM Start	4.33	Rating **	U	Issue No.	131
LM End	4.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.245406 °	37.245406 °
				-120.759971 °	-120.759971 °
DWR ID	DWR_NA0010_05_f _ 2018_131				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes are located on both sides of levee.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_131\_20210830\_00031.jpg



View of a large rodent hole in landward slope. (Fall 2018)

LM Start	4.33	Rating **	M	Issue No.	117
LM End	4.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.245421 °	37.245421 °
				-120.759943 °	-120.759943 °
DWR ID	DWR_NA0010_05_f_2017_117				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_117\_20210830\_00020.jpg



Several rodent burrows observed at this location. (Fall 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	4.46	Rating **	M	Issue No.	132
LM End	4.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.244183 °	37.244183 °
				-120.758121 °	-120.758121 °
DWR ID	DWR_NA0010_05_f_2018_132				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.55	Rating **	M	Issue No.	1322	
LM End	4.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.243668 °	37.243668 °	
				-120.756812 °	-120.756812 °	
DWR ID	19771					
Comment Code						
Inspector Comment						
DS_ID:19771 FS_ID:69873 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/1/2021 Record remains Non-Urgent. LS pipe inlet has sediment buildup inside, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.54), listed as a 24-inch CMP] FS Date: 6/1/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69873\_99719.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>4.55</b>	Rating **	M	Issue No.	<b>1322 (cont)</b>
LM End	<b>4.55</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.243668 °	37.243668 °	
			-120.756812 °	-120.756812 °	
DWR ID	19771				

Photo 2 of 3 : UCIP\_FA\_2021\_69873\_99723.jpg



LS view: Toe from crown.

LM Start	<b>4.55</b>	Rating **	M	Issue No.	<b>1322 (cont)</b>
LM End	<b>4.55</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69873\_99717.jpg



LS view: Slope and headwall at toe.

LM Start	4.85	Rating **	M	Issue No.	100
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.241127 °	37.241127 °
				-120.752398 °	-120.752398 °
DWR ID	DWR_NA0010_05_s_2021_100				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several burrows and rodents observed at this location. Bait stations have been set up.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_100\_20210830\_00010.jpg



Several rodent burrows noted at this location. (Spring 2021)

* 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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	4.89	Rating **	M	Issue No.	1323
LM End	4.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240978 °	37.240978 °
				-120.751613 °	-120.751613 °
DWR ID	19772				
Comment Code					
Inspector Comment					
DS_ID:19772 FS_ID:67750 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/1/2021 The record remains Non-Urgent. LS pipe inlet has sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.89), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.89), listed as a 24-inch CMP] FS Date: 6/1/2021					

LM Start	<b>4.89</b>	Rating **	M	Issue No.	<b>1323 (cont)</b>
LM End	<b>4.89</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67750\_100749.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67750\_100753.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>4.89</b>	Rating **	M	Issue No.	<b>1323 (cont)</b>
LM End	<b>4.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.240978 °	37.240978 °	
			-120.751613 °	-120.751613 °	
DWR ID	19772				

Photo 3 of 3 : UCIP\_FA\_2021\_67750\_100747.jpg



LS view: Slope and headwall at toe.

LM Start	<b>5.15</b>	Rating **	M	Issue No.	<b>1324</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.240607 °	37.240607 °	
			-120.746916 °	-120.746916 °	
DWR ID	19773				

**Comment Code**

**Inspector Comment**

DS\_ID:19773  
 FS\_ID:70178  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/1/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.14), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.15), listed as a 24-inch CMP]  
 FS Date: 6/1/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70178\_100756.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>5.15</b>	Rating **	M	Issue No.	<b>1324 (cont)</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240607 °	37.240607 °
				-120.746916 °	-120.746916 °
DWR ID	19773				

Photo 2 of 3 : UCIP\_FA\_2021\_70178\_100760.jpg



LS view: Toe from crown.

LM Start	<b>5.15</b>	Rating **	M	Issue No.	<b>1324 (cont)</b>
LM End	<b>5.15</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70178\_100754.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	5.58	Rating **	M	Issue No.	1325
LM End	5.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °
				-120.739719 °	-120.739719 °
DWR ID	19774				

**Comment Code**

**Inspector Comment**

DS\_ID:19774  
FS\_ID:70179  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. New concrete riser, plastic riser, and flowmeter off the LS toe going away from the levee. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.58), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.58), listed as a 24-inch CMP]  
FS Date: 6/1/2021

LM Start	<b>5.58</b>	Rating **	M	Issue No.	<b>1325 (cont)</b>
LM End	<b>5.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70179\_100766.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70179\_100768.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	5.58	Rating **	M	Issue No.	1325 (cont)	
LM End	5.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °	
				-120.739719 °	-120.739719 °	
DWR ID	19774					

Photo 3 of 3 : UCIP\_FA\_2021\_70179\_100769.jpg



LS view: Slope from toe.

LM Start	5.94	Rating **	U	Issue No.	138
LM End	5.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236387 °	37.236387 °
				-120.734164 °	-120.734164 °
DWR ID	DWR_NA0010_05_f _ 2018_138				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes are located at this location.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_138\_20210830\_00034.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	5.99	Rating **	M	Issue No.	116
LM End	6.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236236 °	37.231873 °
				-120.733344 °	-120.728310 °
DWR ID	DWR_NA0010_05_f_2017_116				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on both sides of the levee.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	6.35	Rating **	M	Issue No.	1326
LM End	6.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232589 °	37.232589 °
				-120.728822 °	-120.728822 °
DWR ID	19775				
Comment Code					
Inspector Comment					
DS_ID:19775 FS_ID:69874 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/1/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS inlet blocked by barbed wire and was inaccessible, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.35), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.35), listed as a 24-inch CMP] FS Date: 6/1/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_69874\_100772.jpg



Levee crown looking upstream.

LM Start	<b>6.35</b>	Rating **	M	Issue No.	<b>1326 (cont)</b>
LM End	<b>6.35</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_69874\_100776.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>6.35</b>	Rating **	M	Issue No.	<b>1326 (cont)</b>
LM End	<b>6.35</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.232589 °	37.232589 °	
			-120.728822 °	-120.728822 °	
DWR ID	19775				

Photo 3 of 3 : UCIP\_FA\_2021\_69874\_100771.jpg



LS view: Headwall visible at toe behind barbed wire.

LM Start	6.40	Rating **	M	Issue No.	139
LM End	6.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231900 °	37.231900 °
				-120.728345 °	-120.728345 °
DWR ID	DWR_NA0010_05_f_2018_139				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_139\_20210830\_00035.jpg



View of rodent holes on landside shoulder. (Fall 2018)

LM Start	6.45	Rating **	M	Issue No.	136
LM End	6.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231316 °	37.231316 °
				-120.727875 °	-120.727875 °
DWR ID	DWR_NA0010_05_f_2019_136				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	6.52	Rating **	M	Issue No.	15
LM End	6.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230497 °	37.230497 °
				-120.727263 °	-120.727263 °
DWR ID	DWR_NA0010_05_s_2012_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.56	Rating **	A/W	Issue No.	140
LM End	6.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230013 °	37.230013 °
				-120.726832 °	-120.726832 °
DWR ID	DWR_NA0010_05_f_2018_140				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion onslope near the gate has been repaired with loose material. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_140\_20210830\_00036.jpg



Erosion on landward slope caused by foot traffic. (Fall 2018)

LM Start	6.59	Rating **	M	Issue No.	1309
LM End	6.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.229682 °	37.229682 °
				-120.726305 °	-120.726305 °
DWR ID	DWR_NA0010_05_s_2015_1309				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
The landside slope has damage caused by animal foot traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_1309\_20210830\_00055.jpg



Looking upstream at damaged landside slope. (Fall 2018)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	6.70	Rating **	M	Issue No.	115
LM End	6.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.228861 °	37.228861 °
				-120.724579 °	-120.724579 °
DWR ID	DWR_NA0010_05_f_2017_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several squirrels active around the gate on both the land and water side.					

No Photos

LM Start	7.36	Rating **	M	Issue No.	1327
LM End	7.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224560 °	37.224560 °
				-120.714057 °	-120.714057 °
DWR ID	19761				
Comment Code					
Inspector Comment					
DS_ID:19761 FS_ID:67754 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/9/2021 The record remains Non-Urgent. Sediment buildup in LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.36), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.36), listed as a 24-inch CMP] FS Date: 6/9/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_67754\_100780.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	7.36	Rating **	M	Issue No.	1327 (cont)	
LM End	7.36	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.224560 °		37.224560 °
				-120.714057 °		-120.714057 °
DWR ID	19761					

Photo 2 of 3 : UCIP\_FA\_2021\_67754\_100777.jpg



LS view: Toe from crown.

LM Start	<b>7.36</b>	Rating **	M	Issue No.	<b>1327 (cont)</b>
LM End	<b>7.36</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67754\_100778.jpg



LS view: Slope and headwall at toe.

LM Start	7.58	Rating **	M	Issue No.	143
LM End	7.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.221509 °	37.220502 °
				-120.713841 °	-120.713221 °
DWR ID	DWR_NA0010_05_f _ 2021_143				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	7.58	Rating **	M	Issue No.	1328
LM End	7.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.221471 °	37.221471 °
				-120.713780 °	-120.713780 °
DWR ID	19762				

**Comment Code**

**Inspector Comment**

DS\_ID:19762  
FS\_ID:70180  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Geophysical Evaluation (Confirmed)  
Crossing Status: Indicator Found  
UCIP Comments: 06/9/2021 The record remains Non-Urgent. No pipe visible on WS or LS during inspection, only indicator found. WS metal riser is bent. DWR DMP Geophysical study indicates possible presence of pipe through levee at (2305907, -13523234), coordinates have been updated. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/22/2014 Appears abandoned and if so should be done so properly. Slide gate rusted shut on WS slope. Unable to locate inlet or outlet. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 20.4 feet below the crown. Slide gate in 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Not found in 2014.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 7.57), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.58), listed as a 24-inch CMP]  
FS Date: 6/9/2021

LM Start	<b>7.58</b>	Rating **	M	Issue No.	<b>1328 (cont)</b>
LM End	<b>7.58</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70180\_100786.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70180\_100784.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>7.58</b>	Rating **	M	Issue No.	<b>1328 (cont)</b>
LM End	<b>7.58</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.221471 °	37.221471 °
				-120.713780 °	-120.713780 °
DWR ID	19762				

Photo 3 of 3 : UCIP\_FA\_2021\_70180\_100785.jpg



LS view: Slope from toe, no pipe visible.

LM Start	7.59	Rating **	M	Issue No.	141
LM End	7.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.221303 °	37.221303 °
				-120.713707 °	-120.713707 °
DWR ID	DWR_NA0010_05_f_2018_141				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	7.68	Rating **	M	Issue No.	1329
LM End	7.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.217839 °	37.217839 °
				-120.711462 °	-120.711462 °
DWR ID	19844				

**Comment Code**

**Inspector Comment**

DS\_ID:19844  
FS\_ID:69876  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 08/01/2018 USACE O&M manual has pipe listed under Unit 10 HLM 0.02, however, based on the current levee alignment pipe is located under Unit 5 CLM 7.68. Discrepancy in pipe O&M reference is based on reference between Historic Levee Alignment and Current Levee Alignment. (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as Unit 10 HLM 0.02 located in Unit 5 CLM 7.68)].  
FS Date: 6/9/2021

LM Start	<b>7.68</b>	Rating **	M	Issue No.	<b>1329 (cont)</b>
LM End	<b>7.68</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69876\_100805.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_69876\_100809.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>7.68</b>	Rating **	M	Issue No.	<b>1329 (cont)</b>
LM End	<b>7.68</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.217839 °	37.217839 °	
			-120.711462 °	-120.711462 °	
DWR ID	19844				

Photo 3 of 3 : UCIP\_FA\_2021\_69876\_100803.jpg



LS view: Slope and headwall at toe.

LM Start	7.73	Rating **	M	Issue No.	149
LM End	8.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.217167 °	37.213709 °
				-120.711161 °	-120.706803 °
DWR ID	DWR_NA0010_05_f_2021_149				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_149\_20210929\_00335.jpg



View of grassy vegetation growing along the levee crown. (Fall 2021)

LM Start	8.09	Rating **	M	Issue No.	104
LM End	8.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.213580 °	37.213580 °
				-120.706550 °	-120.706550 °
DWR ID	DWR_NA0010_05_s_2017_104				
Comment Code					
Inspector Comment					
The gate has completely broken and should be replaced or removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_104\_20210830\_00013.jpg



View of gate broken on the waterside shoulder. (Spring 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	1330
LM End	8.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.209606 °	37.209606 °
				-120.702069 °	-120.702069 °
DWR ID	19763				

**Comment Code**

**Inspector Comment**

DS\_ID:19763  
FS\_ID:67759  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/9/2021 The record remains Non-Urgent. Barbed wire over LS pipe inlet, limited inspection due to inaccessibility. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/22/2014 Pipe filled with silt on LS toe and should be cleared. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.44), listed as a 24-inch CMP]  
FS Date: 6/9/2021

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>1330 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67759\_100811.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67759\_100815.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>8.46</b>	Rating **	M	Issue No.	<b>1330 (cont)</b>
LM End	<b>8.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.209606 °	37.209606 °
				-120.702069 °	-120.702069 °
DWR ID	19763				

Photo 3 of 3 : UCIP\_FA\_2021\_67759\_100816.jpg



LS view: Slidegate visible at the toe behind barbed wire.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	8.85	Rating **	M	Issue No.	1331	
LM End	8.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.205800 °	37.205800 °	
				-120.696867 °	-120.696867 °	
DWR ID	19764					
Comment Code						
Inspector Comment						
DS_ID:19764 FS_ID:70115 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of WS and LS due to slidegates and inlets being underwater at the time of inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Deadman Creek Drainage Ditch Structure] 1 of 2: 48-inch by 102-inch reinforced concrete box gravity drainage culvert through the levee, 13.8 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Concrete headwall on the landside (LS) end with a slide gate mounted on the headwall. WS slope and outlet drain cobble revetted. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.83), listed as two 48-inch by 102-inch concrete box culverts referenced as Dead Man Creek Drainage Structure. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.83), listed as Deadman Creek Drainage Ditch Structure with 2 slide gates] FS Date: 6/9/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70115\_100822.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	8.85	Rating **	M	Issue No.	1331 (cont)
LM End	8.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.205800 °	37.205800 °
				-120.696867 °	-120.696867 °
DWR ID	19764				

Photo 2 of 3 : UCIP\_FA\_2021\_70115\_100823.jpg



LS view: Slidegates at toe from crown.

LM Start	<b>8.85</b>	Rating **	M	Issue No.	<b>1331 (cont)</b>
LM End	<b>8.85</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70115\_100824.jpg



LS view: Slope and slidegates from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	8.85	Rating **	M	Issue No.	1332	
LM End	8.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.205784 °	37.205784 °	
				-120.696843 °	-120.696843 °	
DWR ID	19735					
Comment Code						
Inspector Comment						
DS_ID:19735 FS_ID:70116 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS and WS due to slidegate and inlet being underwater during inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Deadman Creek Drainage Ditch Structure] 2 of 2: 48-inch by 102-inch reinforced concrete box gravity drainage culvert through the levee, 13.8 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Concrete headwall on the landside (LS) end with a slide gate mounted on the headwall. WS slope and outlet drain cobble revetted. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.83), listed as two 48-inch by 102-inch concrete box culverts referenced as Dead Man Creek Drainage Structure. USACE San Joaquin O&M Manual 601 Part1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.83), listed as Deadman Creek Drainage Distch Structure with 2 slide gates]. FS Date: 6/9/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70116\_100834.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	8.85	Rating **	M	Issue No.	1332 (cont)	
LM End	8.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.205784 °	37.205784 °	
				-120.696843 °	-120.696843 °	
DWR ID	19735					

Photo 2 of 3 : UCIP\_FA\_2021\_70116\_100835.jpg



LS view: Slidegates visible at toe from crown.

LM Start	<b>8.85</b>	Rating **	M	Issue No.	<b>1332 (cont)</b>
LM End	<b>8.85</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70116\_100836.jpg



LS view: Slidegates and slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	9.28	Rating **	M	Issue No.	1333	
LM End	9.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.202742 °	37.202742 °	
				-120.690064 °	-120.690064 °	
DWR ID	19766					
Comment Code						
Inspector Comment						
DS_ID:19766 FS_ID:70121 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe inlet was underwater during inspection, limited inspection. WS riser is missing half of the cover causing safety hazard. The LS pipe inlet is filled with sediment, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.24), listed as a 36-inch CMP. USACE San Joaquin O&M Manual, Part 601 Unit 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.26), listed as a 36-inch CMP] FS Date: 6/9/2021						

LM Start	<b>9.28</b>	Rating **	M	Issue No.	<b>1333 (cont)</b>
LM End	<b>9.28</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70121\_100870.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70121\_100875.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	9.28	Rating **	M	Issue No.	1333 (cont)	
LM End	9.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.202742 °	37.202742 °	
				-120.690064 °	-120.690064 °	
DWR ID	19766					

Photo 3 of 3 : UCIP\_FA\_2021\_70121\_100868.jpg



LS view: Headwall visible at toe, pipe is underwater.

LM Start	9.45	Rating **	M	Issue No.	101
LM End	9.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.201240 °	37.201240 °
				-120.687686 °	-120.687686 °
DWR ID	DWR_NA0010_05_s_2021_101				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_101\_20210830\_00011.jpg



Multiple rodent holes in the waterside slope. (Spring 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	10.06	Rating **	M	Issue No.	1334
LM End	10.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194736 °	37.194736 °
				-120.680116 °	-120.680116 °
DWR ID	19767				

**Comment Code**

**Inspector Comment**

DS\_ID:19767  
FS\_ID:70122  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/9/2021 The record remains Non-Urgent. LS pipe inlet is underwater, could not inspect. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/22/2014 Slidegate actuator appears bent and may not work properly (WS slope). (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.04), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.05), listed as a 24-inch CMP]. FS Date: 6/9/2021

LM Start	<b>10.06</b>	Rating **	M	Issue No.	<b>1334 (cont)</b>
LM End	<b>10.06</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70122\_100878.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_70122\_100883.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	10.06	Rating **	M	Issue No.	1334 (cont)
LM End	10.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194736 °	37.194736 °
				-120.680116 °	-120.680116 °
DWR ID	19767				

Photo 3 of 3 : UCIP\_FA\_2021\_70122\_100876.jpg



LS view: Closeup of pipe inlet at toe, underwater.

LM Start	10.10	Rating **	M	Issue No.	105
LM End	10.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.194344 °	37.194344 °
				-120.679708 °	-120.679708 °
DWR ID	DWR_NA0010_05_f_2020_105				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_105\_20210830\_00014.jpg



View of rodent activity in the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	10.46	Rating **	M	Issue No.	1335
LM End	10.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.190964 °	37.190964 °
				-120.674798 °	-120.674798 °
DWR ID	19737				

**Comment Code**

**Inspector Comment**

DS\_ID:19737  
 FS\_ID:67782  
 EP\_NO: 18624  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Indicator Found  
 UCIP Comments: 06/9/2021 The record has been upgraded from No Action Needed to Non-Urgent. Only indicator found, pipe may be underwater. No pipe visible on LS, only riser. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 36-inch reinforced concrete irrigation pipe through the levee, 20 feet below the crown. Slide gate in a 6-foot-diameter concrete riser on the waterside (WS) shoulder. Concrete inlet structure off the landside (LS) toe. Joints secured in hoop steel and encased in concrete at levee toes. (Permit No. 18624, 2010, [permit not found]).  
 FS Date: 6/9/2021

LM Start	<b>10.46</b>	Rating **	M	Issue No.	<b>1335 (cont)</b>
LM End	<b>10.46</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67782\_100922.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67782\_100926.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>10.46</b>	Rating **	M	Issue No.	<b>1335 (cont)</b>
LM End	<b>10.46</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.190964 °	37.190964 °	
			-120.674798 °	-120.674798 °	
DWR ID	19737				

Photo 3 of 3 : UCIP\_FA\_2021\_67782\_100927.jpg



LS view: Dense vegetation at the toe, pipe not visible.

LM Start	10.66	Rating **	M	Issue No.	142
LM End	10.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.190286 °	37.190286 °
				-120.671207 °	-120.671207 °
DWR ID	DWR_NA0010_05_f _ 2018_142				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A fallen tree is located on the landside toe and slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_142\_20210830\_00037.jpg



Fallen tree on landside toe and slope. (Fall 2018)

LM Start	10.69	Rating **	C	Issue No.	103
LM End	10.69	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.190302 °	37.190302 °
				-120.670694 °	-120.670694 °
DWR ID	DWR_NA0010_05_s_2021_103				
Comment Code					
Inspector Comment					
Upstream gate at Dan McNamara Rd crossing. District lock appears to have been removed.					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	10.79	Rating **	M	Issue No.	203
LM End	10.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.190285 °	37.190285 °
				-120.668869 °	-120.668869 °
DWR ID	DWR_NA0010_05_s_2020_203				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.37	Rating **	M	Issue No.	144
LM End	11.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187792 °	37.187792 °
				-120.659454 °	-120.659454 °
DWR ID	DWR_NA0010_05_f _ 2018_144				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree limbs on the levee slope should be trimmed to allow access.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_144\_20210830\_00038.jpg



View of tree limbs on levee slope. (Spring 2020)

LM Start	11.41	Rating **	M	Issue No.	145
LM End	11.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187404 °	37.187404 °
				-120.659005 °	-120.659005 °
DWR ID	DWR_NA0010_05_f _ 2018_145				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
A fallen tree trunk is located on the levee toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_145\_20210830\_00039.jpg



Fallen tree on levee toe. (Fall 2018)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	11.44	Rating **	M	Issue No.	146
LM End	11.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187021 °	37.187021 °
				-120.658564 °	-120.658564 °
DWR ID	DWR_NA0010_05_f_2018_146				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen tree limbs are located on the levee toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_146\_20210830\_00040.jpg



Tree limbs and trunk on levee toe. (Spring 2020)

LM Start	11.49	Rating **	M	Issue No.	147
LM End	11.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.186482 °	37.186482 °
				-120.657935 °	-120.657935 °
DWR ID	DWR_NA0010_05_f_2021_147				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs are located on landside slope and toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_147\_20210830\_00041.jpg



Tree limbs on levee toe. (Spring 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1336
LM End	11.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186471 °	37.186471 °
				-120.657915 °	-120.657915 °
DWR ID	19768				
Comment Code					
Inspector Comment					
DS_ID:19768 FS_ID:70181 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: [Deadman Drainage Structure] 1 of 2: 48-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.45), listed as two 48-inch CMPs referenced as Deadman Drain. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.48), listed as two 48-inch CMPs] FS Date: 6/22/2021					

LM Start	11.49	Rating **	M	Issue No.	1336 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70181\_103968.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70181\_103970.jpg



LS view of slope from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>11.49</b>	Rating **	M	Issue No.	<b>1336 (cont)</b>
LM End	<b>11.49</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.186471 °	37.186471 °	
			-120.657915 °	-120.657915 °	
DWR ID	19768				

Photo 3 of 3 : UCIP\_FA\_2021\_70181\_103973.jpg



LS view: concrete headwall and inlet pipe visible on slope.

LM Start	<b>11.50</b>	Rating **	M	Issue No.	<b>1337</b>
LM End	<b>11.50</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.186458 °	37.186458 °	
			-120.657903 °	-120.657903 °	
DWR ID	19734				

**Comment Code**

**Inspector Comment**

DS\_ID:19734  
 FS\_ID:70167  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: [Deadman Drainage Structure] 2 of 2: 48-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.45), listed as two 48-inch CMPs referenced as Deadman Drain. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.48), listed as two 48-inch CMPs].  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70167\_104487.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>11.50</b>	Rating **	M	Issue No.	<b>1337 (cont)</b>
LM End	<b>11.50</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.186458 °	37.186458 °	
			-120.657903 °	-120.657903 °	
DWR ID	19734				

Photo 2 of 3 : UCIP\_FA\_2021\_70167\_104489.jpg



LS view: Toe from crown.

LM Start	<b>11.50</b>	Rating **	M	Issue No.	<b>1337 (cont)</b>
LM End	<b>11.50</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70167\_104486.jpg



LS view: Closeup of inlet at toe.

LM Start	11.51	Rating **	M	Issue No.	153
LM End	11.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.186302 °	37.186302 °
				-120.657741 °	-120.657741 °
DWR ID	DWR_NA0010_05_f _ 2021_153				
Comment Code					
GA : Garbage					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_153\_20210929\_00336.jpg



View of garbage dumped on the landside slope and shoulder. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	11.65	Rating **	U	Issue No.	1338
LM End	11.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.184830 °	37.184830 °
				-120.656016 °	-120.656016 °
DWR ID	19704				

**Comment Code**

**Inspector Comment**

DS\_ID:19704  
FS\_ID:70183  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of inlet pipe due to dense vegetation; removal recommended. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.60), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.63), listed as a 24-inch CMP].  
FS Date: 6/22/2021

LM Start	<b>11.65</b>	Rating **	U	Issue No.	<b>1338 (cont)</b>
LM End	<b>11.65</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70183\_103975.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70183\_103977.jpg



LS view: slope from crown.

<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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## Lower San Joaquin Levee District

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	12.01	Rating **	U	Issue No.	1339 (cont)	
LM End	12.01	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.180291 °	37.180291 °	
				-120.653931 °	-120.653931 °	
DWR ID	19705					

Photo 2 of 3 : UCIP\_FA\_2021\_70197\_103983.jpg



LS view: slope from crown.

LM Start	<b>12.01</b>	Rating **	U	Issue No.	<b>1339 (cont)</b>
LM End	<b>12.01</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70197\_103989.jpg



LS view: concrete headwall visible at toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	12.40	Rating **	U	Issue No.	1340	
LM End	12.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.175958 °	37.175958 °	
				-120.649798 °	-120.649798 °	
DWR ID	19706					
Comment Code						
Inspector Comment						
DS_ID:19706 FS_ID:70198 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Erosion around concrete headwall on WS, at least 1 foot in length. Limited inspection of LS due to vegetation and sediment; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. Flashboard attachment on the LS end. Pipe crosses levee at 45 degrees to crown alignment. [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.38), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.38), listed as a 24-inch CMP] FS Date: 6/22/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70198\_103999.jpg



View of levee crown.

LM Start	12.40	Rating **	U	Issue No.	1340 (cont)
LM End	12.40	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70198\_104001.jpg



LS view of slope to toe from crown.

<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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## Lower San Joaquin Levee District

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	12.89	Rating **	M	Issue No.	1341
LM End	12.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175816 °	37.175816 °
				-120.640865 °	-120.640865 °
DWR ID	19707				

**Comment Code**

**Inspector Comment**

DS\_ID:19707  
FS\_ID:70127  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 06/22/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS due to vegetation overgrowth; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Concrete headwall on the landside (LS) end with flashboards. Concrete saddle and apron on the waterside (WS) end with a flap gate. Metal screen at LS toe inlet. [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.87), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.87), listed as a 24-inch CMP]  
FS Date: 6/22/2021

LM Start	<b>12.89</b>	Rating **	M	Issue No.	<b>1341 (cont)</b>
LM End	<b>12.89</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70127\_103991.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70127\_103998.jpg



LS view: concrete headwall and inlet pipe at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>12.89</b>	Rating **	M	Issue No.	<b>1341 (cont)</b>
LM End	<b>12.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.175816 °	37.175816 °	
			-120.640865 °	-120.640865 °	
DWR ID	19707				

Photo 3 of 3 : UCIP\_FA\_2021\_70127\_103996.jpg



LS view: concrete headwall and inlet pipe.

LM Start	13.01	Rating **	M	Issue No.	2
LM End	13.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175576 °	37.175576 °
				-120.638755 °	-120.638755 °
DWR ID	DWR_NA0010_05_s_2016_2				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There are several downed trees on landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_2\_20210830\_00004.jpg



Looking west at down tree at landward toe. (Fall 2020)

LM Start	13.05	Rating **	M	Issue No.	150
LM End	13.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175314 °	37.175314 °
				-120.638034 °	-120.638034 °
DWR ID	DWR_NA0010_05_f _ 2018_150				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There are tree trimmings on the levee slope and toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_150\_20210830\_00043.jpg



Tree trimmings on landside slope and toe. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.15	Rating **	M	Issue No.	152
LM End	13.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.174444 °	37.174444 °
				-120.636589 °	-120.636589 °
DWR ID	DWR_NA0010_05_f _ 2018_152				
Comment Code					
TR : Tree or limb					
Inspector Comment					
There is a tree trunk on landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_152\_20210830\_00045.jpg



Tree trunk on landside toe. (Fall 2018)

LM Start	13.27	Rating **	M	Issue No.	181
LM End	13.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.173096 °	37.173096 °
				-120.635130 °	-120.635130 °
DWR ID	DWR_NA0010_05_s_2019_181				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	13.37	Rating **	U	Issue No.	112
LM End	13.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.172033 °	37.172033 °
				-120.634005 °	-120.634005 °
DWR ID	DWR_NA0010_05_s_2021_112				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_112\_20210830\_00017.jpg



View of tree limbs on the landside toe and slope. (Spring 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.42	Rating **	M	Issue No.	1342	
LM End	13.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °	
				-120.633442 °	-120.633442 °	
DWR ID	19708					
Comment Code						
Inspector Comment						
DS_ID:19708 FS_ID:70128 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection of LS due to water around the inlet at the time of survey. LS inlet has sediment buildup, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/22/2014 Some erosion around headwall on the WS toe and there are animal burrows on both slopes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Flashboard attachment in concrete U-shaped headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.40), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.40), listed as a 48-inch CMP]. FS Date: 6/22/2021						

LM Start	<b>13.42</b>	Rating **	M	Issue No.	<b>1342 (cont)</b>
LM End	<b>13.42</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70128\_104009.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70128\_104014.jpg



LS view from toe: concrete headwall and inlet pipe. Slope visible in background.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.42	Rating **	M	Issue No.	1342 (cont)
LM End	13.42	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °
				-120.633442 °	-120.633442 °
DWR ID	19708				

Photo 3 of 3 : UCIP\_FA\_2021\_70128\_104015.jpg



LS view from toe: closeup of concrete headwall and inlet.

LM Start	13.44	Rating **	M	Issue No.	209
LM End	13.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.171249 °	37.171249 °
				-120.633157 °	-120.633157 °
DWR ID	DWR_NA0010_05_s_2020_209				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree should be removed before it can damage the levee.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_209\_20210830\_00053.jpg



Dead tree falling over on the landside toe. (Spring 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.72	Rating **	M	Issue No.	1343
LM End	13.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.168202 °	37.168202 °
				-120.629886 °	-120.629886 °
DWR ID	19709				
Comment Code					
Inspector Comment					
DS_ID:19709 FS_ID:70129 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Indicator Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Only LS slidegate visible, nothing seen on WS. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)04/22/2014 Pipe not visible and may need to have silt removed from outlet on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on concrete headwall at the landside (LS) toe. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (recorded as HLM 14.72 should be 13.72), listed as a 24-inch CMP] FS Date: 6/22/2021					

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>1343 (cont)</b>
LM End	<b>13.72</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70129\_104016.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70129\_104017.jpg



LS view of slope to toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>1343 (cont)</b>
LM End	<b>13.72</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.168202 °	37.168202 °	
			-120.629886 °	-120.629886 °	
DWR ID	19709				

Photo 3 of 3 : UCIP\_FA\_2021\_70129\_104018.jpg



WS view of slope from toe.

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>1344</b>
LM End	<b>13.72</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.168188 °	37.168188 °	
			-120.629886 °	-120.629886 °	
DWR ID	19566				

**Comment Code**

**Inspector Comment**

DS\_ID:19566  
 FS\_ID:70130  
 EP\_NO: 17044  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS slidegate due to dense vegetation, recommend removal. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 20-inch coated steel drainage discharge pipe through the levee, 2 feet below the crown. Pump station off the landside (LS) toe. Siphon breaker on the apex of the pipe on the LS shoulder. Pipe extends past waterside (WS) slope to outlet in channel. Riprap around WS pipe outlet. (Plans to construct two pump stations on the levee, including 24-inch and 20-inch steel discharge pipes through the levee authorized under Permit No. 17044, 1999 - Merced National Wildlife Service/Ducks Unlimited, Inc.).  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70130\_104469.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>1344 (cont)</b>
LM End	<b>13.72</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.168188 °	37.168188 °	
			-120.629886 °	-120.629886 °	
DWR ID	19566				

Photo 2 of 3 : UCIP\_FA\_2021\_70130\_104472.jpg



LS view: Meters on the toe.

LM Start	<b>13.72</b>	Rating **	M	Issue No.	<b>1344 (cont)</b>
LM End	<b>13.72</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70130\_104473.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.73	Rating **	M	Issue No.	1345	
LM End	13.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.168132 °	37.168132 °	
				-120.629811 °	-120.629811 °	
DWR ID	24869					
Comment Code						
Inspector Comment						
DS_ID:24869 FS_ID:70131 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 20-inch coated steel irrigation discharge pipe through the levee, at an unknown depth. Pump on metal pile structure on the waterside (WS) toe with walkway. Pipe outlet not found at the landside (LS) toe. 1.5-inch galvanized iron electrical conduit at the same location. This crossing was field discovered. FS Date: 6/22/2021						

LM Start	<b>13.73</b>	Rating **	M	Issue No.	<b>1345 (cont)</b>
LM End	<b>13.73</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70131\_71475.jpg



Pump on pier on WS toe with metal walkway and 1.5-inch electrical conduit.

Photo 2 of 3 : UCIP\_FA\_2021\_70131\_71474.jpg



Pump on pier off WS shoulder.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>13.73</b>	Rating **	M	Issue No.	<b>1345 (cont)</b>
LM End	<b>13.73</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.168132 °	37.168132 °	
			-120.629811 °	-120.629811 °	
DWR ID	24869				

Photo 3 of 3 : UCIP\_FA\_2021\_70131\_71473.jpg



1.5-inch electrical conduit at side of walkway on WS shoulder.

LM Start	13.76	Rating **	A/W	Issue No.	113
LM End	13.76	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.167787 °	37.167787 °
				-120.629480 °	-120.629480 °
DWR ID	DWR_NA0010_05_s_2021_113				
Comment Code					
FE : Fence					
Inspector Comment					
The livestock fence across the crown has been removed, but the setup on the shoulders are still in place.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_113\_20210830\_00018.jpg



View of temporary fence installed by landowner. (Spring 2021)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	13.85	Rating **	U	Issue No.	1346
LM End	13.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.166760 °	37.166760 °
				-120.628304 °	-120.628304 °
DWR ID	19710				
Comment Code					
Inspector Comment					
DS_ID:19710 FS_ID:70199 EP_NO: N/A Repair Type: Urgent EVAL Issue: Levee Integrity Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Urgent. Subsidence along the WS slope that is at least 1 foot in length. Limited inspection of LS due to vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.84), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.83), listed as a 24-inch CMP] FS Date: 6/22/2021					

LM Start	<b>13.85</b>	Rating **	U	Issue No.	<b>1346 (cont)</b>
LM End	<b>13.85</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70199\_104019.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70199\_104020.jpg



LS view: slope to toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>13.85</b>	Rating **	U	Issue No.	<b>1346 (cont)</b>
LM End	<b>13.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.166760 °	37.166760 °	
			-120.628304 °	-120.628304 °	
DWR ID	19710				

Photo 3 of 3 : UCIP\_FA\_2021\_70199\_104025.jpg



LS view of slope from toe.

LM Start	14.39	Rating **	M	Issue No.	3
LM End	14.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.162949 °	37.162949 °
				-120.619138 °	-120.619138 °
DWR ID	NA0010U05RM12.22				
Comment Code					
Inspector Comment					
Site ID: NA0010U05RM12.22					
07/21/2021: This site was discovered during the DWR Spring 2021 Levee Inspections. There is a series of erosion pockets along the lower levee slope and toe, ranging from 3 ft in length to 15 ft and 2 ft to 7 ft in scarp height. There are lots of rodent holes on the entire levee slope.					

Photo 1 of 3 : SJR2021\_NA0010U05RM12.22\_7.JPG



7/21/2021: View of an erosion pocket and large animal hole looking upstream.

LM Start	<b>14.39</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>14.45</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SJR2021\_NA0010U05RM12.22\_9.JPG



7/21/2021: View of a large erosion pocket.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>14.39</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>14.45</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.162949 °	37.162949 °	
			-120.619138 °	-120.619138 °	
DWR ID	NA0010U05RM12.22				

Photo 3 of 3 : SJR2021\_NA0010U05RM12.22\_11.JPG



7/21/2021: Close-up view of the erosion near the upstream end.

LM Start	14.42	Rating **	M	Issue No.	119
LM End	14.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.162949 °	37.162540 °
				-120.619138 °	-120.618091 °
DWR ID	DWR_NA0010_05_s_2021_119				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Slope erosion on the waterside slope. Possibly caused by livestock.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_119\_20210830\_00022.jpg



Looking upstream along the waterside slope at erosion spots. (Spring 2021)

LM Start	14.45	Rating **	M	Issue No.	154
LM End	15.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.162754 °	37.157601 °
				-120.618661 °	-120.610634 °
DWR ID	DWR_NA0010_05_f_2021_154				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_154\_20210929\_00337.jpg



Looking at vegetation along the waterside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>14.46</b>	Rating **	M	Issue No.	<b>1347</b>
LM End	<b>14.46</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °
				-120.618571 °	-120.618571 °
DWR ID	19711				

Comment Code

Inspector Comment

DS\_ID:19711  
FS\_ID:69930  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Dense vegetation on LS; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Concrete weir inlet structure on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.44), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.44), listed as a 24-inch CMP]  
FS Date: 6/22/2021

LM Start	<b>14.46</b>	Rating **	M	Issue No.	<b>1347 (cont)</b>
LM End	<b>14.46</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69930\_104028.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69930\_104029.jpg



LS view of slope to toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	14.46	Rating **	M	Issue No.	1347 (cont)
LM End	14.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °
				-120.618571 °	-120.618571 °
DWR ID	19711				

Photo 3 of 3 : UCIP\_FA\_2021\_69930\_104033.jpg



LS view of slope from toe: concrete headwall visible in background.

LM Start	15.03	Rating **	A/W	Issue No.	106
LM End	15.03	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			37.157570 °	37.157570 °
				-120.610570 °	-120.610570 °
DWR ID	182-2				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:36					
Site Designation:182-2					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	15.11	Rating **	M	Issue No.	1348
LM End	15.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °
				-120.609513 °	-120.609513 °
DWR ID	19712				
Comment Code					
Inspector Comment					
DS_ID:19712 FS_ID:70187 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection on LS due to barbed wire and access issues. Build up of sediment at WS outlet pipe and LS inlet pipe; recommend removal. Some erosion along the WS slope, less than 1 foot. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Minor erosion at headwall on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.08), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.09), listed as a 36-inch CMP] FS Date: 6/22/2021					

LM Start	15.11	Rating **	M	Issue No.	1348 (cont)
LM End	15.11	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70187\_104045.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70187\_104046.jpg



LS view of slope to toe from crown. Headwall visible in background.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	15.11	Rating **	M	Issue No.	1348 (cont)	
LM End	15.11	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °	
				-120.609513 °	-120.609513 °	
DWR ID	19712					

Photo 3 of 3 : UCIP\_FA\_2021\_70187\_104050.jpg



LS view: closeup of headwall and inlet at toe.

LM Start	15.21	Rating **	M	Issue No.	110
LM End	15.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.155782 °	37.155337 °
				-120.608075 °	-120.607449 °
DWR ID	DWR_NA0010_05_f_2020_110				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_110\_20210830\_00016.jpg



Erosion along the waterside slope. (Fall 2020)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	15.30	Rating **	M	Issue No.	1	
LM End	15.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.154837 °	37.154837 °	
				-120.606737 °	-120.606737 °	
DWR ID	NA0010U05RM13.09					
Comment Code						
Inspector Comment						
Site ID: NA0010U05RM13.09						
07/21/2021: The erosion length was updated to 80 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection.						
08/19/2020: This site was discovered during the DWR Spring 2020 Levee Inspections. There is a 20-ft long and an 8-ft long erosion pocket, with scarp heights of up to 3 ft. The erosion has cut into the levee prism. There are signs of rodent and cattle activity.						

Photo 1 of 2 : SJR2021\_NA0010U05RM13.09\_1.JPG



7/21/2021: View of the erosion looking upstream.

LM Start	15.30	Rating **	M	Issue No.	1 (cont)
LM End	15.32	Issue Type +	Ma	Location *	

Photo 2 of 2 : SJR2021\_NA0010U05RM13.09\_5.JPG



7/21/2021: View of the erosion looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	15.76	Rating **	M	Issue No.	1349
LM End	15.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.150012 °	37.150012 °
				-120.601330 °	-120.601330 °
DWR ID	19713				
Comment Code					
Inspector Comment					
DS_ID:19713 FS_ID:70133 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.74), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.74), listed as a 24-inch CMP] FS Date: 6/22/2021					

LM Start	<b>15.76</b>	Rating **	M	Issue No.	<b>1349 (cont)</b>
LM End	<b>15.76</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70133\_104037.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70133\_104039.jpg



LS view of slope to toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>15.76</b>	Rating **	M	Issue No.	<b>1349 (cont)</b>
LM End	<b>15.76</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.150012 °	37.150012 °	
			-120.601330 °	-120.601330 °	
DWR ID	19713				

Photo 3 of 3 : UCIP\_FA\_2021\_70133\_104042.jpg



LS view of slope to toe. Concrete headwall visible at toe.

LM Start	<b>15.78</b>	Rating **	M	Issue No.	<b>1350</b>
LM End	<b>15.78</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.149730 °	37.149730 °	
			-120.601079 °	-120.601079 °	
DWR ID	19714				

**Comment Code**

**Inspector Comment**

DS\_ID:19714  
 FS\_ID:69932  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS and WS due to water present at the time of survey. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity irrigation pipe through the levee, 9.8 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.76), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.77), listed as a 36-inch CMP]  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69932\_104052.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>15.78</b>	Rating **	M	Issue No.	<b>1350 (cont)</b>
LM End	<b>15.78</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.149730 °	37.149730 °	
			-120.601079 °	-120.601079 °	
DWR ID	19714				

Photo 2 of 3 : UCIP\_FA\_2021\_69932\_104053.jpg



LS view of slope to toe from crown.

LM Start	<b>15.78</b>	Rating **	M	Issue No.	<b>1350 (cont)</b>
LM End	<b>15.78</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69932\_104055.jpg



LS view from toe: concrete headwall and inlet pipe. Slope visible in background.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	15.81	Rating **	M	Issue No.	1351	
LM End	15.81	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.149381 °	37.149381 °	
				-120.600761 °	-120.600761 °	
DWR ID	19715					
Comment Code						
Inspector Comment						
DS_ID:19715 FS_ID:70134 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Excess vegetation at inlet on LS toe should be cleared. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.79), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.80), listed as a 24-inch CMP] FS Date: 6/22/2021						

LM Start	<b>15.81</b>	Rating **	M	Issue No.	<b>1351 (cont)</b>
LM End	<b>15.81</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70134\_104057.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70134\_104056.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>15.81</b>	Rating **	M	Issue No.	<b>1351 (cont)</b>
LM End	<b>15.81</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.149381 °	37.149381 °	
			-120.600761 °	-120.600761 °	
DWR ID	19715				

Photo 3 of 3 : UCIP\_FA\_2021\_70134\_104061.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

LM Start	<b>16.09</b>	Rating **	M	Issue No.	<b>177</b>
LM End	<b>16.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.145965 °	37.145965 °	
			-120.597597 °	-120.597597 °	
DWR ID	NA0010U05RM13.85				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U05RM13.85

07/21/2021: From 2020 to present, no significant changes were observed during the annual survey.

08/19/2020: Due to ongoing construction both up and downstream, this site could not be accessed and only be viewed from the opposite bank across the bypass. Unable to determine if the conditions changed since the previous inspection.

09/10/2019: The erosion has become worse during the past 2 flood seasons. The erosion length has increased to approximately 200 ft from 55 ft. Signs of animal activity were observed.

09/20/2017: The erosion was discovered during spring levee inspection. The site is covered by dense vegetation and the measurements of the erosion are estimated.

Photo 1 of 2 : SJR2021\_NA0010U05RM13.85\_3.JPG



7/21/2021: View of the erosion and rodent holes.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>16.09</b>	Rating **	M	Issue No.	<b>177 (cont)</b>
LM End	<b>16.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.145965 °	37.145965 °	
			-120.597597 °	-120.597597 °	
DWR ID	NA0010U05RM13.85				

Photo 2 of 2 : SJR2021\_NA0010U05RM13.85\_5.JPG



7/21/2021: View of the erosion looking upstream.

LM Start	<b>16.68</b>	Rating **	M	Issue No.	<b>1352</b>
LM End	<b>16.68</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.138760 °	37.138760 °	
			-120.592393 °	-120.592393 °	
DWR ID	19716				

**Comment Code**

**Inspector Comment**

DS\_ID:19716  
 FS\_ID:70135  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record remains Non-Urgent.  
 Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Pipe heavily silted on LS toe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.66), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.67), listed as a 24-inch CMP]  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70135\_104063.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	16.68	Rating **	M	Issue No.	1352 (cont)
LM End	16.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.138760 °	37.138760 °
				-120.592393 °	-120.592393 °
DWR ID	19716				

Photo 2 of 3 : UCIP\_FA\_2021\_70135\_104064.jpg



LS view of slope to toe from crown.

LM Start	<b>16.68</b>	Rating **	M	Issue No.	<b>1352 (cont)</b>
LM End	<b>16.68</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70135\_104068.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	17.22	Rating **	M	Issue No.	1353
LM End	17.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.132211 °	37.132211 °
				-120.587106 °	-120.587106 °
DWR ID	19717				
Comment Code					
Inspector Comment					
DS_ID:19717 FS_ID:70136 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.21), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.20), listed as a 24-inch CMP] FS Date: 6/22/2021					

LM Start	17.22	Rating **	M	Issue No.	1353 (cont)
LM End	17.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70136\_104070.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70136\_104071.jpg



LS view of slope to toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	17.22	Rating **	M	Issue No.	1353 (cont)
LM End	17.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.132211 °	37.132211 °
				-120.587106 °	-120.587106 °
DWR ID	19717				

Photo 3 of 3 : UCIP\_FA\_2021\_70136\_104075.jpg



LS view at toe: concrete headwall and inlet. Slope visible in background.

LM Start	17.54	Rating **	M	Issue No.	155
LM End	17.54	Issue Type +	En	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.127871 °	37.127871 °
				-120.585273 °	-120.585273 °
DWR ID	DWR_NA0010_05_f _ 2021_155				
Comment Code					
Inspector Comment					
Livestock pen in the channel.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_155\_20210929\_00338.jpg



Landowner has put up a livestock pen within the bypass channel. (Fall 2021)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	17.54	Rating **	M	Issue No.	1354
LM End	17.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127843 °	37.127843 °
				-120.585245 °	-120.585245 °
DWR ID	19743				
Comment Code					
Inspector Comment					
DS_ID:19743 FS_ID:70137 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.52), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.52), listed as a 24-inch CMP] FS Date: 6/22/2021					

LM Start	<b>17.54</b>	Rating **	M	Issue No.	<b>1354 (cont)</b>
LM End	<b>17.54</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70137\_104077.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70137\_104078.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>17.54</b>	Rating **	M	Issue No.	<b>1354 (cont)</b>
LM End	<b>17.54</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.127843 °	37.127843 °	
			-120.585245 °	-120.585245 °	
DWR ID	19743				

Photo 3 of 3 : UCIP\_FA\_2021\_70137\_104082.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

LM Start	<b>18.07</b>	Rating **	M	Issue No.	<b>1355</b>
LM End	<b>18.07</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.120634 °	37.120634 °	
			-120.582187 °	-120.582187 °	
DWR ID	19744				

**Comment Code**

**Inspector Comment**

DS\_ID:19744  
 FS\_ID:70138  
 EP\_NO: 3040  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS outlet due to water flowing through the pipe during time of inspection. Limited inspection of WS inlet due to large herd of cows surrounding inlet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: [Newhall Siphon Crossing] 48-inch corrugated metal irrigation siphon pipe through the levee, 6 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the landside (LS) slope. Concrete U-shaped headwall on the LS end. Siphon under channel. 24-inch CMP cleanout at the center of the channel. Metal plate cover. (Plans for construction of two reinforced concrete siphons across the Eastside Bypass authorized under Permit No. 3040, 1959 - Newhall Land and Farming Company).  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70138\_104094.jpg



Levee crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>18.07</b>	Rating **	M	Issue No.	<b>1355 (cont)</b>
LM End	<b>18.07</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.120634 °	37.120634 °	
			-120.582187 °	-120.582187 °	
DWR ID	19744				

Photo 2 of 3 : UCIP\_FA\_2021\_70138\_104095.jpg



LS view: Toe from crown.

LM Start	<b>18.07</b>	Rating **	M	Issue No.	<b>1355 (cont)</b>
LM End	<b>18.07</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70138\_104096.jpg



LS view: Slidegate at slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	18.09	Rating **	M	Issue No.	1356	
LM End	18.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.120309 °		37.120309 °
				-120.582041 °		-120.582041 °
DWR ID	19745					
Comment Code						
Inspector Comment						
DS_ID:19745 FS_ID:69969 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection of LS pipe inlet due to dense vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  04/23/2014 Animal burrows in levee on both slopes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.07), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.07), listed as a 24-inch CMP] FS Date: 6/22/2021						

LM Start	<b>18.09</b>	Rating **	M	Issue No.	<b>1356 (cont)</b>
LM End	<b>18.09</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69969\_104117.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69969\_104111.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	18.09	Rating **	M	Issue No.	1356 (cont)	
LM End	18.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.120309 °	37.120309 °	
				-120.582041 °	-120.582041 °	
DWR ID	19745					

Photo 3 of 3 : UCIP\_FA\_2021\_69969\_104113.jpg



LS view: Slope from toe.

LM Start	18.28	Rating **	M	Issue No.	156
LM End	18.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.117991 °	37.115454 °
				-120.580175 °	-120.573863 °
DWR ID	DWR_NA0010_05_f_2021_156				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	18.50	Rating **	U	Issue No.	114
LM End	18.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115960 °	37.115960 °
				-120.577170 °	-120.577170 °
DWR ID	DWR_NA0010_05_f_2020_114				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow appears to connect to hole in landside shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_114\_20210830\_00019.jpg



View of rodent burrow in the waterside shoulder. (Fall 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	18.50	Rating **	U	Issue No.	118
LM End	18.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115960 °	37.115960 °
				-120.577170 °	-120.577170 °
DWR ID	DWR_NA0010_05_f_2020_118				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow appears to connect to hole in waterside shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_118\_20210830\_00021.jpg



Large rodent hole in the landside shoulder. (Fall 2020)

LM Start	18.62	Rating **	U	Issue No.	126
LM End	18.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115481 °	37.115481 °
				-120.575126 °	-120.575126 °
DWR ID	DWR_NA0010_05_f_2020_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_126\_20210830\_00027.jpg



Several large rodent holes observed at this location. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

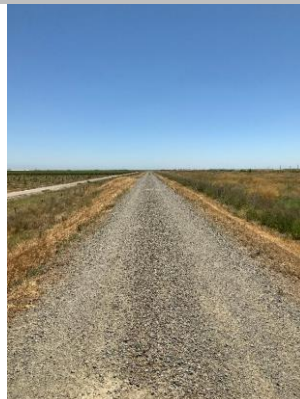
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	18.70	Rating **	M	Issue No.	1357
LM End	18.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115472 °	37.115472 °
				-120.573628 °	-120.573628 °
DWR ID	19746				
Comment Code					
Inspector Comment					
DS_ID:19746 FS_ID:70139 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/22/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.68), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.68), listed as a 24-inch CMP] FS Date: 6/22/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70139\_104120.jpg



Levee crown.

LM Start	<b>18.70</b>	Rating **	M	Issue No.	<b>1357 (cont)</b>
LM End	<b>18.70</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70139\_104121.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>18.70</b>	Rating **	M	Issue No.	<b>1357 (cont)</b>
LM End	<b>18.70</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.115472 °	37.115472 °	
			-120.573628 °	-120.573628 °	
DWR ID	19746				

Photo 3 of 3 : UCIP\_FA\_2021\_70139\_104118.jpg



LS view: Slope and headwall from toe.

LM Start	<b>19.15</b>	Rating **	M	Issue No.	<b>1358</b>
LM End	<b>19.15</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.115466 °	37.115466 °	
			-120.565467 °	-120.565467 °	
DWR ID	19747				

**Comment Code**

**Inspector Comment**

DS\_ID:19747  
 FS\_ID:69971  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record remains Non-Urgent. Limited inspection due to LS inlet being covered by dense tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.13), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.11), listed as a 24-inch CMP]  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69971\_104127.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.15	Rating **	M	Issue No.	1358 (cont)
LM End	19.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115466 °	37.115466 °
				-120.565467 °	-120.565467 °
DWR ID	19747				

Photo 2 of 3 : UCIP\_FA\_2021\_69971\_104128.jpg



LS view: Toe from crown.

LM Start	19.15	Rating **	M	Issue No.	1358 (cont)
LM End	19.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69971\_104125.jpg



LS view: Slope and headwall at toe.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	1359	
LM End	19.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.115463 °	37.115463 °	
				-120.565086 °	-120.565086 °	
DWR ID	19776					
Comment Code						
Inspector Comment						
DS_ID:19776 FS_ID:69972 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. Some tumbleweed buildup around LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.15), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.15), listed as a 24-inch CMP] FS Date: 6/22/2021						

LM Start	<b>19.17</b>	Rating **	M	Issue No.	<b>1359 (cont)</b>
LM End	<b>19.17</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69972\_104134.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69972\_104135.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>19.17</b>	Rating **	M	Issue No.	<b>1359 (cont)</b>
LM End	<b>19.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.115463 °	37.115463 °	
			-120.565086 °	-120.565086 °	
DWR ID	19776				

Photo 3 of 3 : UCIP\_FA\_2021\_69972\_104132.jpg



LS view: Headwall and slope from toe.

LM Start	<b>19.48</b>	Rating **	U	Issue No.	<b>1360</b>
LM End	<b>19.48</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.113542 °	37.113542 °	
			-120.560389 °	-120.560389 °	
DWR ID	19777				

**Comment Code**

**Inspector Comment**

DS\_ID:19777  
 FS\_ID:70052  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/22/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of LS inlet due to vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.46), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.46), listed as a 24-inch CMP]  
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70052\_104139.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.48	Rating **	U	Issue No.	1360 (cont)
LM End	19.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113542 °	37.113542 °
				-120.560389 °	-120.560389 °
DWR ID	19777				

Photo 2 of 3 : UCIP\_FA\_2021\_70052\_104140.jpg



WS view: Headwall and slope from toe.

LM Start	<b>19.48</b>	Rating **	U	Issue No.	<b>1360 (cont)</b>
LM End	<b>19.48</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70052\_104141.jpg



WS view: Closeup of flapgate at toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.51	Rating **	M	Issue No.	1361	
LM End	19.51	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.113172 °	37.113172 °	
				-120.560014 °	-120.560014 °	
DWR ID	24868					
Comment Code						
Inspector Comment						
DS_ID:24868 FS_ID:70140 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Indicator Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. No markers or signs visible on LS or WS, recommend putting up signage. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/23/2014 Markers closer to the levee may be necessary to properly mark pipe crossing location. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: Steel natural gas pipeline of an unknown size through the levee, at an unknown depth. Corrugated metal pipe (CMP) riser and gas line marker off the landside (LS) toe. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70140\_104482.jpg



LS view: Toe from crown, no marker visible.

LM Start	<b>19.51</b>	Rating **	M	Issue No.	<b>1361 (cont)</b>
LM End	<b>19.51</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70140\_104485.jpg



LS view: Marker visible across the road.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>19.51</b>	Rating **	M	Issue No.	<b>1361 (cont)</b>
LM End	<b>19.51</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.113172 °	37.113172 °	
			-120.560014 °	-120.560014 °	
DWR ID	24868				

Photo 3 of 3 : UCIP\_FA\_2021\_70140\_104483.jpg



WS view: Toe from crown, no markers visible.

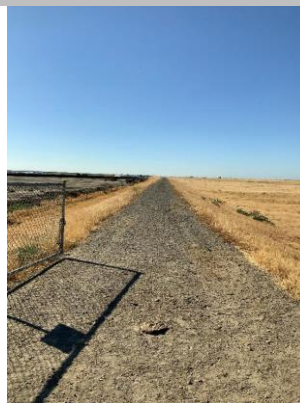
LM Start	<b>19.52</b>	Rating **	M	Issue No.	<b>1362</b>
LM End	<b>19.52</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.112953 °	37.112953 °	
			-120.559943 °	-120.559943 °	
DWR ID	19778				

**Comment Code**

**Inspector Comment**

DS\_ID:19778  
 FS\_ID:69974  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/23/2014  
 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.50), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.50), listed as a 24-inch CMP]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69974\_104146.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.52	Rating **	M	Issue No.	1362 (cont)
LM End	19.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112953 °	37.112953 °
				-120.559943 °	-120.559943 °
DWR ID	19778				

Photo 2 of 3 : UCIP\_FA\_2021\_69974\_104147.jpg



LS view: Toe from crown.

LM Start	<b>19.52</b>	Rating **	M	Issue No.	<b>1362 (cont)</b>
LM End	<b>19.52</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69974\_104144.jpg



LS view: Headwall and slope at toe.

LM Start	19.61	Rating **	M	Issue No.	157
LM End	19.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.112089 °	37.112089 °
				-120.558929 °	-120.558929 °
DWR ID	DWR_NA0010_05_s_2021_157				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.64	Rating **	U	Issue No.	128
LM End	19.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111664 °	37.111664 °
				-120.558511 °	-120.558511 °
DWR ID	DWR_NA0010_05_f_2020_128				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_128\_20210830\_00028.jpg



View of rodent activity on the waterside slope. (Fall 2020)

LM Start	19.65	Rating **	M	Issue No.	133
LM End	19.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111599 °	37.111599 °
				-120.558443 °	-120.558443 °
DWR ID	DWR_NA0010_05_f_2020_133				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.86	Rating **	U	Issue No.	1363
LM End	19.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109284 °	37.109284 °
				-120.555948 °	-120.555948 °
DWR ID	19779				
Comment Code					
Inspector Comment					
DS_ID:19779 FS_ID:70053 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. WS flapgate has holes in it. LS pipe inlet has some minor debris buildup. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.83), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.84), listed as a 24-inch CMP] FS Date: 6/23/2021					

LM Start	<b>19.86</b>	Rating **	U	Issue No.	<b>1363 (cont)</b>
LM End	<b>19.86</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70053\_104106.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70053\_104154.jpg



LS view: Closeup of pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>19.86</b>	Rating **	U	Issue No.	<b>1363 (cont)</b>
LM End	<b>19.86</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.109284 °	37.109284 °	
			-120.555948 °	-120.555948 °	
DWR ID	19779				

Photo 3 of 3 : UCIP\_FA\_2021\_70053\_104151.jpg



LS view: Toe from crown.

LM Start	<b>19.94</b>	Rating **	M	Issue No.	<b>1364</b>
LM End	<b>19.94</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.108426 °	37.108426 °	
			-120.554990 °	-120.554990 °	
DWR ID	19780				

**Comment Code**

**Inspector Comment**

DS\_ID:19780  
 FS\_ID:69984  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.92), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.92), listed as a 36-inch CMP].  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69984\_104156.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	1364 (cont)
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.108426 °	37.108426 °
				-120.554990 °	-120.554990 °
DWR ID	19780				

Photo 2 of 3 : UCIP\_FA\_2021\_69984\_104157.jpg



LS view: Toe from crown.

LM Start	<b>19.94</b>	Rating **	M	Issue No.	<b>1364 (cont)</b>
LM End	<b>19.94</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69984\_104155.jpg



LS view: Inside pipe inlet at toe.

LM Start	20.04	Rating **	M	Issue No.	165
LM End	20.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107774 °	37.107774 °
				-120.554237 °	-120.554237 °
DWR ID	DWR_NA0010_05_s_2021_165				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	20.10	Rating **	M	Issue No.	1365	
LM End	20.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.107091 °	37.107091 °	
				-120.553503 °	-120.553503 °	
DWR ID	19781					
Comment Code						
Inspector Comment						
DS_ID:19781 FS_ID:69985 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.04), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.05), listed as a 36-inch CMP] FS Date: 6/23/2021						

LM Start	<b>20.10</b>	Rating **	M	Issue No.	<b>1365 (cont)</b>
LM End	<b>20.10</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69985\_104163.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69985\_104164.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>20.10</b>	Rating **	M	Issue No.	<b>1365 (cont)</b>
LM End	<b>20.10</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.107091 °	37.107091 °	
			-120.553503 °	-120.553503 °	
DWR ID	19781				

Photo 3 of 3 : UCIP\_FA\_2021\_69985\_104161.jpg



LS view: Slope and headwall from toe.

LM Start	<b>20.19</b>	Rating **	M	Issue No.	<b>1366</b>
LM End	<b>20.19</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.106149 °	37.106149 °	
			-120.552538 °	-120.552538 °	
DWR ID	19782				

**Comment Code**

**Inspector Comment**

DS\_ID:19782  
 FS\_ID:34759  
 EP\_NO: 13828  
 Repair Type: Non-Urgent  
 EVAL Issue:  
 Crossing Status: Not Found  
 UCIP Comments:  
 FIELD\_STRUCT\_DESC: \*DELETE\* NOT INSTALLED THROUGH THE LEVEE. 24-inch steel irrigation pipe through the levee, 4.0 feet below the crown. Pump missing from pad on the landward side. Steel cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe on landward shoulder. Pre-existing ditch runs from waterward toe to channel. Pipe extends from pump to the channel. Rock revetment on the cut slopes of the inlet channel. (Permit No. 13828-1988)  
 FS Date: 4/23/2014

Photo 1 of 1 : UCIP\_FA\_2021\_34759\_62537.jpg



Well head visible off LS toe.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

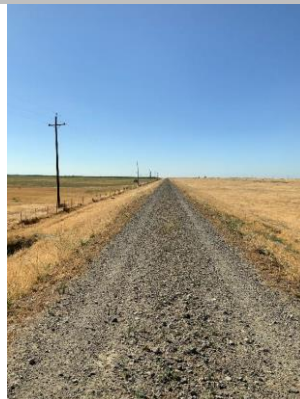
**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	20.24	Rating **	M	Issue No.	1367	
LM End	20.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °	
				-120.551886 °	-120.551886 °	
DWR ID	19783					
Comment Code						
Inspector Comment						
DS_ID:19783 FS_ID:69986 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Limited inspection of LS pipe inlet due to tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.18), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.18), listed as a 36-inch CMP] FS Date: 6/23/2021						

LM Start	<b>20.24</b>	Rating **	M	Issue No.	<b>1367 (cont)</b>
LM End	<b>20.24</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69986\_104170.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69986\_104171.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	20.24	Rating **	M	Issue No.	1367 (cont)
LM End	20.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °
				-120.551886 °	-120.551886 °
DWR ID	19783				

Photo 3 of 3 : UCIP\_FA\_2021\_69986\_104168.jpg



LS view: Slope and headwall from toe.

<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 - Fall 2021**

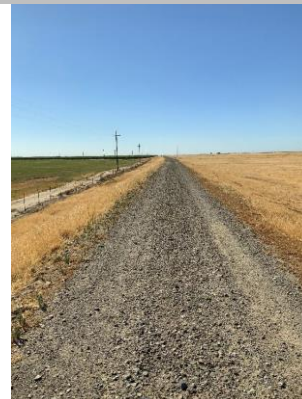
**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	20.65	Rating **	U	Issue No.	1368
LM End	20.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °
				-120.547282 °	-120.547282 °
DWR ID	19784				
Comment Code					
Inspector Comment					
DS_ID:19784 FS_ID:70054 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Some tumbleweed buildup at LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.58), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.59), listed as a 24-inch CMP] FS Date: 6/23/2021					

LM Start	<b>20.65</b>	Rating **	<b>U</b>	Issue No.	<b>1368 (cont)</b>
LM End	<b>20.65</b>	Issue Type +	<b>Ma</b>	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70054\_104176.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70054\_104178.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	20.65	Rating **	U	Issue No.	1368 (cont)
LM End	20.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °
				-120.547282 °	-120.547282 °
DWR ID	19784				

Photo 3 of 3 : UCIP\_FA\_2021\_70054\_104179.jpg



LS view: Slope and headwall from toe.

LM Start	20.93	Rating **	M	Issue No.	135
LM End	20.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.097826 °	37.097826 °
				-120.543984 °	-120.543984 °
DWR ID	DWR_NA0010_05_f_2020_135				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_135\_20210830\_00033.jpg



View of rodent burrow in the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.13	Rating **	U	Issue No.	1369
LM End	21.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °
				-120.541593 °	-120.541593 °
DWR ID	19785				

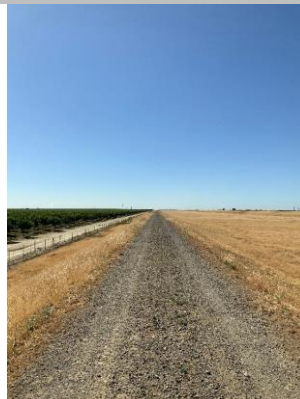
**Comment Code**

**Inspector Comment**

DS\_ID:19785  
FS\_ID:70055  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record is being upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Tumbleweed and debris covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.07), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.08), listed as a 24-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>21.13</b>	Rating **	<b>U</b>	Issue No.	<b>1369 (cont)</b>
LM End	<b>21.13</b>	Issue Type +	<b>Ma</b>	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70055\_104183.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70055\_104185.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.13	Rating **	U	Issue No.	1369 (cont)
LM End	21.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °
				-120.541593 °	-120.541593 °
DWR ID	19785				

Photo 3 of 3 : UCIP\_FA\_2021\_70055\_104181.jpg



LS view: Slope and headwall from toe.

<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**

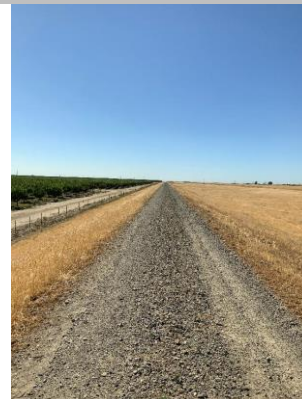
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	1370	
LM End	21.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.091755 °		37.091755 °
				-120.537414 °		-120.537414 °
DWR ID	19786					
Comment Code						
Inspector Comment						
DS_ID:19786 FS_ID:70056 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Potential hole in WS flapgate. Sand buildup around WS flapgate preventing it from opening easily, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.43), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.42)] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70056\_104192.jpg



Levee crown.

LM Start	<b>21.48</b>	Rating **	U	Issue No.	<b>1370 (cont)</b>
LM End	<b>21.48</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70056\_104193.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	1370 (cont)
LM End	21.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.091755 °	37.091755 °
				-120.537414 °	-120.537414 °
DWR ID	19786				

Photo 3 of 3 : UCIP\_FA\_2021\_70056\_104190.jpg



LS view: Slope and headwall at toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.91	Rating **	U	Issue No.	1371
LM End	21.91	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087525 °	37.087525 °
				-120.532827 °	-120.532827 °
DWR ID	19787				
Comment Code					
Inspector Comment					
DS_ID:19787 FS_ID:70057 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Standing water on both WS outlet and LS inlet, limiting closeup inspection on both sides. Water appeared to be leaking through the WS flapgate, even though it was closed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.81), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.81), listed as a 24-inch CMP] FS Date: 6/23/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70057\_104198.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>21.91</b>	Rating **	U	Issue No.	<b>1371 (cont)</b>
LM End	<b>21.91</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.087525 °	37.087525 °	
			-120.532827 °	-120.532827 °	
DWR ID	19787				

Photo 2 of 3 : UCIP\_FA\_2021\_70057\_104199.jpg



LS view: Toe from crown.

LM Start	<b>21.91</b>	Rating **	U	Issue No.	<b>1371 (cont)</b>
LM End	<b>21.91</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70057\_104196.jpg



LS view: Slope and headwall from toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.95	Rating **	U	Issue No.	1372
LM End	21.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °
				-120.532374 °	-120.532374 °
DWR ID	19788				
Comment Code					
Inspector Comment					
DS_ID:19788 FS_ID:70058 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of the LS pipe inlet due to dense tumbleweeds and vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 21.85), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.85), listed as a 24-inch CMP]. FS Date: 6/23/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70058\_104205.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	21.95	Rating **	U	Issue No.	1372 (cont)	
LM End	21.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °	
				-120.532374 °	-120.532374 °	
DWR ID	19788					

Photo 2 of 3 : UCIP\_FA\_2021\_70058\_104206.jpg



LS view: Toe from crown.

LM Start	<b>21.95</b>	Rating **	U	Issue No.	<b>1372 (cont)</b>
LM End	<b>21.95</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70058\_104203.jpg



LS view: Slope and headwall from toe.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

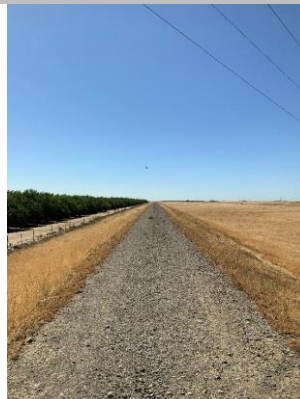
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	22.28	Rating **	U	Issue No.	1373	
LM End	22.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.083410 °	37.083410 °	
				-120.528356 °	-120.528356 °	
DWR ID	19789					
Comment Code						
Inspector Comment						
DS_ID:19789 FS_ID:70141 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Some vegetation growing over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 22.18), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.19), listed as a 24-inch CMP]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70141\_104212.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>22.28</b>	Rating **	U	Issue No.	<b>1373 (cont)</b>
LM End	<b>22.28</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.083410 °	37.083410 °	
			-120.528356 °	-120.528356 °	
DWR ID	19789				

Photo 2 of 3 : UCIP\_FA\_2021\_70141\_104213.jpg



LS view: Toe from crown.

LM Start	<b>22.28</b>	Rating **	U	Issue No.	<b>1373 (cont)</b>
LM End	<b>22.28</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70141\_104216.jpg



LS view: Headwall and slope from toe.

LM Start	22.35	Rating **	M	Issue No.	121
LM End	22.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.082696 °	37.082696 °
				-120.527620 °	-120.527620 °
DWR ID	DWR_NA0010_05_f _ 2017_121				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope damaged by animal traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_121\_20210830\_00023.jpg



Looking southeast at the waterside slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	22.55	Rating **	U	Issue No.	1374	
LM End	22.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.080486 °	37.080486 °	
				-120.525180 °	-120.525180 °	
DWR ID	19790					
Comment Code						
Inspector Comment						
DS_ID:19790 FS_ID:70190 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Possible hole in WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 22.46), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.46), listed as a 24-inch CMP] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70190\_104219.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>22.55</b>	Rating **	U	Issue No.	<b>1374 (cont)</b>
LM End	<b>22.55</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.080486 °	37.080486 °	
			-120.525180 °	-120.525180 °	
DWR ID	19790				

Photo 2 of 3 : UCIP\_FA\_2021\_70190\_104221.jpg



LS view: Toe from crown.

LM Start	<b>22.55</b>	Rating **	U	Issue No.	<b>1374 (cont)</b>
LM End	<b>22.55</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70190\_104217.jpg



LS view: Slope and headwall at toe.

LM Start	22.55	Rating **	M	Issue No.	159
LM End	23.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.080486 °	37.073108 °
				-120.525180 °	-120.516832 °
DWR ID	DWR_NA0010_05_f_2021_159				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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**

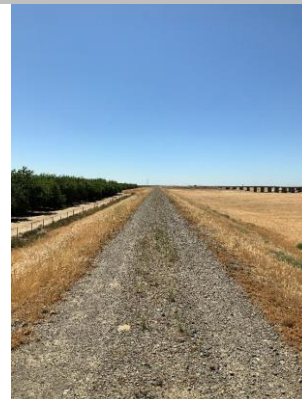
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	22.89	Rating **	U	Issue No.	1375
LM End	22.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °
				-120.521116 °	-120.521116 °
DWR ID	19791				
Comment Code					
Inspector Comment					
DS_ID:19791 FS_ID:70061 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Deterioration of the underside of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 22.79), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.79), listed as a 24-inch CMP] FS Date: 6/23/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70061\_104227.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	22.89	Rating **	U	Issue No.	1375 (cont)
LM End	22.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °
				-120.521116 °	-120.521116 °
DWR ID	19791				

Photo 2 of 3 : UCIP\_FA\_2021\_70061\_104228.jpg



LS view: Inside pipe inlet at toe.

LM Start	<b>22.89</b>	Rating **	U	Issue No.	<b>1375 (cont)</b>
LM End	<b>22.89</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70061\_104230.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	23.03	Rating **	U	Issue No.	1376	
LM End	23.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.075387 °	37.075387 °	
				-120.519406 °	-120.519406 °	
DWR ID	19792					
Comment Code						
Inspector Comment						
DS_ID:19792 FS_ID:70062 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Deterioration of the underside of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 22.93), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.94), listed as a 24-inch CMP] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70062\_104235.jpg



Levee crown.

LM Start	<b>23.03</b>	Rating **	U	Issue No.	<b>1376 (cont)</b>
LM End	<b>23.03</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70062\_104237.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>23.03</b>	Rating **	U	Issue No.	<b>1376 (cont)</b>
LM End	<b>23.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.075387 °	37.075387 °	
			-120.519406 °	-120.519406 °	
DWR ID	19792				

Photo 3 of 3 : UCIP\_FA\_2021\_70062\_104233.jpg



LS view: Headwall and slope from toe.

LM Start	<b>23.17</b>	Rating **	M	Issue No.	<b>1377</b>
LM End	<b>23.17</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.073901 °	37.073901 °	
			-120.517651 °	-120.517651 °	
DWR ID	19793				

**Comment Code**

**Inspector Comment**

DS\_ID:19793  
 FS\_ID:70040  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Some vegetation covering LS inlet and WS flapgate, recommend removal on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/23/2014 Debris blocking closure of outlet. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.06), listed as a 24-inch corrugated metal pipe (CMP)]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70040\_104335.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>23.17</b>	Rating **	M	Issue No.	<b>1377 (cont)</b>
LM End	<b>23.17</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.073901 °	37.073901 °	
			-120.517651 °	-120.517651 °	
DWR ID	19793				

Photo 2 of 3 : UCIP\_FA\_2021\_70040\_104337.jpg



LS view: Toe from crown.

LM Start	<b>23.17</b>	Rating **	M	Issue No.	<b>1377 (cont)</b>
LM End	<b>23.17</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70040\_104333.jpg



LS view: Slope and headwall from toe.

LM Start	23.24	Rating **	A/W	Issue No.	160
LM End	23.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.073064 °	37.068260 °
				-120.516771 °	-120.511583 °
DWR ID	DWR_NA0010_05_f_2018_160				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is slope damage caused by livestock on waterside.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_160\_20210830\_00047.jpg



Slope damage cause by livestock foot traffic. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	23.25	Rating **	M	Issue No.	1378
LM End	23.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.072989 °	37.072989 °
				-120.516687 °	-120.516687 °
DWR ID	19794				

**Comment Code**

**Inspector Comment**

DS\_ID:19794  
FS\_ID:70042  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.14), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 23.15), listed as a 30-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>23.25</b>	Rating **	M	Issue No.	<b>1378 (cont)</b>
LM End	<b>23.25</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70042\_104342.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70042\_104343.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>23.25</b>	Rating **	M	Issue No.	<b>1378 (cont)</b>
LM End	<b>23.25</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.072989 °	37.072989 °	
			-120.516687 °	-120.516687 °	
DWR ID	19794				

Photo 3 of 3 : UCIP\_FA\_2021\_70042\_104345.jpg



LS view: Slope and headwall from toe.

LM Start	<b>23.61</b>	Rating **	U	Issue No.	<b>1379</b>
LM End	<b>23.61</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.069012 °	37.069012 °	
			-120.512396 °	-120.512396 °	
DWR ID	19795				

**Comment Code**

**Inspector Comment**

DS\_ID:19795  
 FS\_ID:70191  
 EP\_NO: 13829  
 Repair Type: Urgent  
 EVAL Issue: Flood Risk  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. Appears abandoned, WS pipe is missing parts as there are open holes without flapgates that would potentially allow water through, see photos. Open on both ends. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 1 of 2: 16-inch coated steel irrigation discharge pipe through the levee, 4 feet below the crown. Steel cutoff wall around the pipe at the center of the levee. Slant pump off the waterside (WS) toe. Siphon breaker in a 10-inch steel pipe riser on the landside (LS) shoulder. A preexisting ditch runs from the WS toe to the channel. Rock revetment on the cut slopes of the inlet channel. (Plans to install a pump with a 16-inch discharge pipe through the levee to provide irrigation water authorized under Permit No. 13829, 1984 - John H. Sorenson, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.51), listed as a 16-inch pipe]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70191\_104367.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>23.61</b>	Rating **	U	Issue No.	<b>1379 (cont)</b>
LM End	<b>23.61</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.069012 °	37.069012 °	
			-120.512396 °	-120.512396 °	
DWR ID	19795				

Photo 2 of 3 : UCIP\_FA\_2021\_70191\_104369.jpg



LS view: Closeup of siphon breaker on slope.

LM Start	<b>23.61</b>	Rating **	U	Issue No.	<b>1379 (cont)</b>
LM End	<b>23.61</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70191\_104370.jpg



LS view: Toe from crown.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	23.72	Rating **	U	Issue No.	1380
LM End	23.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.067799 °	37.067799 °
				-120.511093 °	-120.511093 °
DWR ID	19796				
Comment Code					
Inspector Comment					
DS_ID:19796 FS_ID:70144 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.61), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 23.62), listed as a 30-inch CMP] FS Date: 6/23/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70144\_104379.jpg



Levee crown.

LM Start	<b>23.72</b>	Rating **	U	Issue No.	<b>1380 (cont)</b>
LM End	<b>23.72</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70144\_104380.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>23.72</b>	Rating **	U	Issue No.	<b>1380 (cont)</b>
LM End	<b>23.72</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.067799 °	37.067799 °	
			-120.511093 °	-120.511093 °	
DWR ID	19796				

Photo 3 of 3 : UCIP\_FA\_2021\_70144\_104377.jpg



LS view: Slope and headwall from toe.

LM Start	<b>24.02</b>	Rating **	U	Issue No.	<b>1381</b>
LM End	<b>24.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.064494 °	37.064494 °	
			-120.507531 °	-120.507531 °	
DWR ID	19797				

**Comment Code**

**Inspector Comment**

DS\_ID:19797  
 FS\_ID:70145  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Small hole seen in the front of the WS flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Minor sediment/debris buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.92), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 23.85), listed as a 36-inch CMP]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70145\_104386.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>24.02</b>	Rating **	U	Issue No.	<b>1381 (cont)</b>
LM End	<b>24.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.064494 °	37.064494 °	
			-120.507531 °	-120.507531 °	
DWR ID	19797				

Photo 2 of 3 : UCIP\_FA\_2021\_70145\_104388.jpg



LS view: Toe from crown.

LM Start	<b>24.02</b>	Rating **	U	Issue No.	<b>1381 (cont)</b>
LM End	<b>24.02</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70145\_104384.jpg



LS view: Slope and headwall from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>24.28</b>	Rating **	M	Issue No.	<b>1382</b>
LM End	<b>24.28</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.061724 °	37.061724 °	
			-120.504512 °	-120.504512 °	
DWR ID	19798				

**Comment Code**

**Inspector Comment**

DS\_ID:19798  
FS\_ID:70083  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.18), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 24.18), listed as a 24-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>24.28</b>	Rating **	M	Issue No.	<b>1382 (cont)</b>
LM End	<b>24.28</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70083\_104393.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70083\_104395.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	24.28	Rating **	M	Issue No.	1382 (cont)
LM End	24.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.061724 °	37.061724 °
				-120.504512 °	-120.504512 °
DWR ID	19798				

Photo 3 of 3 : UCIP\_FA\_2021\_70083\_104391.jpg



LS view: Slope and headwall from toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	24.56	Rating **	U	Issue No.	1383
LM End	24.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.058673 °	37.058673 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

**Comment Code**

**Inspector Comment**

DS\_ID:19799  
FS\_ID:70146  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Hole visible on underneath of flapgate on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.46), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 24.46), listed as a 24-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>24.56</b>	Rating **	<b>U</b>	Issue No.	<b>1383 (cont)</b>
LM End	<b>24.56</b>	Issue Type +	<b>Ma</b>	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70146\_104402.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70146\_104404.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	24.56	Rating **	U	Issue No.	1383 (cont)
LM End	24.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.058673 °	37.058673 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

Photo 3 of 3 : UCIP\_FA\_2021\_70146\_104400.jpg



LS view: Slope and headwall from toe.

LM Start	24.56	Rating **	M	Issue No.	175
LM End	24.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.058672 °	37.058672 °
				-120.501218 °	-120.501218 °
DWR ID	DWR_NA0010_05_f _ 2019_175				
Comment Code					
PI : Pipe					
Inspector Comment					
Concrete pipe left on landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_175\_20210830\_00052.jpg



Sections of concrete pipe left along the landside toe. (Fall 2019)

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>24.93</b>	Rating **	M	Issue No.	<b>1384</b>
LM End	<b>24.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.054481 °	37.054481 °	
			-120.496798 °	-120.496798 °	
DWR ID	19800				

**Comment Code**

**Inspector Comment**

DS\_ID:19800  
FS\_ID:70085  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.82), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 24.82), listed as a 24-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>24.93</b>	Rating **	M	Issue No.	<b>1384 (cont)</b>
LM End	<b>24.93</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70085\_104409.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70085\_104411.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>24.93</b>	Rating **	M	Issue No.	<b>1384 (cont)</b>
LM End	<b>24.93</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.054481 °	37.054481 °	
			-120.496798 °	-120.496798 °	
DWR ID	19800				

Photo 3 of 3 : UCIP\_FA\_2021\_70085\_104407.jpg



LS view: Slope and headwall from toe.

LM Start	<b>24.96</b>	Rating **	M	Issue No.	<b>1385</b>
LM End	<b>24.96</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.054344 °	37.054344 °	
			-120.496214 °	-120.496214 °	
DWR ID	19801				

**Comment Code**

**Inspector Comment**

DS\_ID:19801  
 FS\_ID:70168  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.86), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 24.87), listed as a 30-inch CMP]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70168\_104416.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	24.96	Rating **	M	Issue No.	1385 (cont)
LM End	24.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054344 °	37.054344 °
				-120.496214 °	-120.496214 °
DWR ID	19801				

Photo 2 of 3 : UCIP\_FA\_2021\_70168\_104417.jpg



LS view: Slope and headwall from toe.

LM Start	<b>24.96</b>	Rating **	M	Issue No.	<b>1385 (cont)</b>
LM End	<b>24.96</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70168\_104418.jpg



LS view: Inside pipe inlet at toe.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	24.98	Rating **	M	Issue No.	1386	
LM End	24.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.054146 °	37.054146 °	
				-120.495968 °	-120.495968 °	
DWR ID	19802					
Comment Code						
Inspector Comment						
DS_ID:19802 FS_ID:70192 EP_NO: 12873 Repair Type: Non-Urgent EVAL Issue: Abandoned encroachment Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Appears abandoned, did not find valve or electrical panel on LS. Confirm with owner on the status of this crossing. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 03/25/2014 Clear soil from siphon breaker and install a protective riser. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 16-inch coated steel irrigation discharge pipe through the levee, 2 feet below the crown. Slant pump at the channel on the waterside (WS) toe. Siphon breaker on the WS shoulder. Gate valve on the landside (LS) toe. A preexisting ditch runs from the WS toe to the channel. Riprap placed around the intake. 2-inch polyvinyl chloride (PVC) electrical conduit at the same location. (Plans to install a pump with a discharge pipe through the levee authorized under Permit No. 12873, 1980 - Bowles Farming Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.88), listed as a 16-inch pipe] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70192\_104493.jpg



Levee crown.

LM Start	<b>24.98</b>	Rating **	M	Issue No.	<b>1386 (cont)</b>
LM End	<b>24.98</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70192\_104494.jpg



LS view: Toe from crown, no valve visible.

<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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	25.24	Rating **	M	Issue No.	1387
LM End	25.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.051477 °	37.051477 °
				-120.492650 °	-120.492650 °
DWR ID	19803				
Comment Code					
Inspector Comment					
DS_ID:19803 FS_ID:70106 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 03/25/2014 Flapgate propped open during flood season. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 25.14), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (recorded incorrectly as HLM 25.43 correct HLM 25.13), listed as a 30-inch CMP] FS Date: 6/23/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70106\_104424.jpg



Levee crown.

LM Start	<b>25.24</b>	Rating **	M	Issue No.	<b>1387 (cont)</b>
LM End	<b>25.24</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70106\_104426.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>25.24</b>	Rating **	M	Issue No.	<b>1387 (cont)</b>
LM End	<b>25.24</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.051477 °	37.051477 °	
			-120.492650 °	-120.492650 °	
DWR ID	19803				

Photo 3 of 3 : UCIP\_FA\_2021\_70106\_104422.jpg



LS view: Slope and headwall from toe.

LM Start	25.28	Rating **	M	Issue No.	9
LM End	25.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.051076 °	37.050349 °
				-120.492153 °	-120.491269 °
DWR ID	DWR_NA0010_05_s_2012_9				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are noted along this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_9\_20210830\_00007.jpg



View of representative rodent burrow. (Fall 2018)

LM Start	25.46	Rating **	M	Issue No.	167
LM End	25.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.049218 °	37.048502 °
				-120.489883 °	-120.489257 °
DWR ID	DWR_NA0010_05_f_2021_167				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_167\_20210929\_00340.jpg



Multiple rodent holes observed on the landside slope. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	25.46	Rating **	M	Issue No.	168
LM End	25.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.049217 °	37.049217 °
				-120.489881 °	-120.489881 °
DWR ID	DWR_NA0010_05_f_2021_168				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_168\_20210929\_00341.jpg



View of rodent burrows on the waterside slope. (Fall 2021)

LM Start	25.58	Rating **	U	Issue No.	148
LM End	25.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047827 °	37.047551 °
				-120.488738 °	-120.488527 °
DWR ID	DWR_NA0010_05_f_2020_148				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_148\_20210830\_00042.jpg



View of burrows in the landside. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	25.61	Rating **	U	Issue No.	1388	
LM End	25.61	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.047455 °	37.047455 °	
				-120.488443 °	-120.488443 °	
DWR ID	19804					
Comment Code						
Inspector Comment						
DS_ID:19804 FS_ID:70147 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 25.51), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 25.51), listed as a 30-inch CMP] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70147\_104431.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>25.61</b>	Rating **	U	Issue No.	<b>1388 (cont)</b>
LM End	<b>25.61</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.047455 °	37.047455 °	
			-120.488443 °	-120.488443 °	
DWR ID	19804				

Photo 2 of 3 : UCIP\_FA\_2021\_70147\_104433.jpg



LS view: Toe from crown.

LM Start	<b>25.61</b>	Rating **	U	Issue No.	<b>1388 (cont)</b>
LM End	<b>25.61</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70147\_104429.jpg



LS view: Slope and headwall from toe.

LM Start	25.61	Rating **	M	Issue No.	124
LM End	25.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047416 °	37.047416 °
				-120.488411 °	-120.488411 °
DWR ID	DWR_NA0010_05_f_2017_124				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_124\_20210830\_00025.jpg



Looking east at the waterside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	25.63	Rating **	U	Issue No.	1389
LM End	25.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047170 °	37.047170 °
				-120.488222 °	-120.488222 °
DWR ID	19805				

**Comment Code**

**Inspector Comment**

DS\_ID:19805  
FS\_ID:70193  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 25.53), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 25.53), listed as a 30-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>25.63</b>	Rating **	U	Issue No.	<b>1389 (cont)</b>
LM End	<b>25.63</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70193\_104436.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70193\_104446.jpg



LS view: Inside pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	25.63	Rating **	U	Issue No.	1389 (cont)	
LM End	25.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.047170 °		37.047170 °
				-120.488222 °		-120.488222 °
DWR ID	19805					

Photo 3 of 3 : UCIP\_FA\_2021\_70193\_104440.jpg



LS view: Slope and headwall from toe.

LM Start	25.81	Rating **	M	Issue No.	178
LM End	25.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.044986 °	37.044986 °
				-120.486539 °	-120.486539 °
DWR ID	DWR_NA0010_05_f_2019_178				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	26.17	Rating **	M	Issue No.	161
LM End	26.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.040434 °	37.040043 °
				-120.483086 °	-120.482795 °
DWR ID	DWR_NA0010_05_f _ 2018_161				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope damage is caused by livestock foot traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_161\_20210830\_00048.jpg



Slope damage on waterside. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>26.20</b>	Rating **	U	Issue No.	<b>1390</b>
LM End	<b>26.20</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.040070 °	37.040070 °	
			-120.482796 °	-120.482796 °	
DWR ID	19806				

**Comment Code**

**Inspector Comment**

DS\_ID:19806  
FS\_ID:70149  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Sediment buildup in pipe visible from landward side-- recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 26.10), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 26.11), listed as a 24-inch CMP]  
FS Date: 6/23/2021

LM Start	<b>26.20</b>	Rating **	U	Issue No.	<b>1390 (cont)</b>
LM End	<b>26.20</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70149\_104450.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70149\_104452.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	26.20	Rating **	U	Issue No.	1390 (cont)
LM End	26.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.040070 °	37.040070 °
				-120.482796 °	-120.482796 °
DWR ID	19806				

Photo 3 of 3 : UCIP\_FA\_2021\_70149\_104448.jpg



LS view: Slope and headwall from toe.

LM Start	26.30	Rating **	A/W	Issue No.	169
LM End	26.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.038855 °	37.034140 °
				-120.481877 °	-120.478076 °
DWR ID	DWR_NA0010_05_f_2021_169				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to the waterside slope from cattle traffic and minor damage on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_169\_20210929\_00342.jpg



View of slope damage from cattle traffic. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	26.39	Rating **	U	Issue No.	1391	
LM End	26.39	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.037772 °	37.037772 °	
				-120.481028 °	-120.481028 °	
DWR ID	19807					
Comment Code						
Inspector Comment						
DS_ID:19807 FS_ID:70150 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 26.29), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 26.29), listed as a 36-inch CMP] FS Date: 6/23/2021						

LM Start	<b>26.39</b>	Rating **	U	Issue No.	<b>1391 (cont)</b>
LM End	<b>26.39</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70150\_104455.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70150\_104456.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>26.39</b>	Rating **	U	Issue No.	<b>1391 (cont)</b>
LM End	<b>26.39</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.037772 °	37.037772 °	
			-120.481028 °	-120.481028 °	
DWR ID	19807				

Photo 3 of 3 : UCIP\_FA\_2021\_70150\_104459.jpg



LS view: Slope and headwall from toe.

LM Start	<b>26.95</b>	Rating **	U	Issue No.	<b>1392</b>
LM End	<b>26.95</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.032669 °	37.032669 °	
			-120.473901 °	-120.473901 °	
DWR ID	19808				

**Comment Code**

**Inspector Comment**

DS\_ID:19808  
 FS\_ID:70151  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from Non-Urgent to Urgent. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)03/25/2014 Pipe has heavy silt buildup visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 26.85), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 26.85), listed as a 24-inch CMP]  
 FS Date: 6/23/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70151\_104461.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	26.95	Rating **	U	Issue No.	1392 (cont)
LM End	26.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032669 °	37.032669 °
				-120.473901 °	-120.473901 °
DWR ID	19808				

Photo 2 of 3 : UCIP\_FA\_2021\_70151\_104463.jpg



LS view: Slope and headwall from toe.

LM Start	<b>26.95</b>	Rating **	U	Issue No.	<b>1392 (cont)</b>
LM End	<b>26.95</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70151\_104464.jpg



LS view: Inside of pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	26.96	Rating **	M	Issue No.	1393	
LM End	26.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.032662 °	37.032662 °	
				-120.473747 °	-120.473747 °	
DWR ID	24851					
Comment Code						
Inspector Comment						
DS_ID:24851 FS_ID:70105 EP_NO: 16002 Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. No LS markers but one on WS. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 8-inch steel natural gas pipeline through the levee, 1.5 feet below the crown. Gas line marker on the waterside (WS) shoulder. This crossing was field discovered. (Plans to install an 8-inch natural gas pipeline under both levees of the Chowchilla Canal Bypass and the San Joaquin River authorized under Permit No. 16002, 1993 - Union Oil Company of California). FS Date: 6/23/2021						

LM Start	<b>26.96</b>	Rating **	M	Issue No.	<b>1393 (cont)</b>
LM End	<b>26.96</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70105\_104467.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70105\_104468.jpg



WS view: Marker visible off the crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>26.96</b>	Rating **	M	Issue No.	<b>1393 (cont)</b>
LM End	<b>26.96</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.032662 °	37.032662 °	
			-120.473747 °	-120.473747 °	
DWR ID	24851				

Photo 3 of 3 : UCIP\_FA\_2021\_70105\_71485.jpg



Gasline marker on WS shoulder.

LM Start	<b>26.97</b>	Rating **	U	Issue No.	<b>1394</b>
LM End	<b>26.97</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.032680 °	37.032680 °	
			-120.473454 °	-120.473454 °	
DWR ID	19748				

**Comment Code**

**Inspector Comment**

DS\_ID:19748  
 FS\_ID:70152  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 Record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Limited inspection of LS inlet due to dirt and tumbleweeds, recommend removal. Unidentified PVC pipe installed at mouth of inlet pipe on LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)03/25/2014 Tumble weed buildup at inlet may create blockage and should be removed. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 26.87), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 26.87), listed as a 24-inch CMP]  
 FS Date: 6/23/2021 4:25:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_70152\_104358.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>26.97</b>	Rating **	U	Issue No.	<b>1394 (cont)</b>
LM End	<b>26.97</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.032680 °	37.032680 °	
			-120.473454 °	-120.473454 °	
DWR ID	19748				

Photo 2 of 3 : UCIP\_FA\_2021\_70152\_104359.jpg



LS view from crown.

LM Start	<b>26.97</b>	Rating **	U	Issue No.	<b>1394 (cont)</b>
LM End	<b>26.97</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70152\_104361.jpg



LS view from toe: concrete headwall at inlet

LM Start	26.99	Rating **	U	Issue No.	162
LM End	27.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032651 °	37.032659 °
				-120.473205 °	-120.472190 °
DWR ID	DWR_NA0010_05_f_2018_162				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows with large quantities of material displaced noted in this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_162\_20210830\_00049.jpg



Several rodent burrows noted in this section of the levee. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	27.01	Rating **	M	Issue No.	125
LM End	27.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.032675 °	37.032675 °
				-120.472841 °	-120.472841 °
DWR ID	DWR_NA0010_05_s_2021_125				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_125\_20210830\_00026.jpg



Prunings left on the landside toe. (Fall 2020)

LM Start	27.31	Rating **	U	Issue No.	1395	
LM End	27.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.032668 °	37.032668 °	
				-120.467299 °	-120.467299 °	
DWR ID	19749					
Comment Code						
Inspector Comment						
DS_ID:19749 FS_ID:70153 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 27.21), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 27.22), listed as a 36-inch CMP] FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70153\_104352.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>27.31</b>	Rating **	U	Issue No.	<b>1395 (cont)</b>
LM End	<b>27.31</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.032668 °	37.032668 °	
			-120.467299 °	-120.467299 °	
DWR ID	19749				

Photo 2 of 3 : UCIP\_FA\_2021\_70153\_104354.jpg



LS view from crown.

LM Start	<b>27.31</b>	Rating **	U	Issue No.	<b>1395 (cont)</b>
LM End	<b>27.31</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70153\_104356.jpg



LS view from toe: concrete headwall at inlet.

LM Start	28.24	Rating **	M	Issue No.	163
LM End	28.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032597 °	37.032595 °
				-120.450536 °	-120.450081 °
DWR ID	DWR_NA0010_05_f_2018_163				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Bait station is present. Burrows should be backfilled.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	28.27	Rating **	M	Issue No.	1396	
LM End	28.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.032623 °	37.032623 °	
				-120.450108 °	-120.450108 °	
DWR ID	19750					
Comment Code						
Inspector Comment						
DS_ID:19750 FS_ID:70154 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Sediment buildup in inlet pipe; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 03/25/2014 Animal Burrowing activity at LS toe may undermine headwall. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 28.17), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 28.17), listed as a 24-inch CMP] FS Date: 6/23/2021						

LM Start	<b>28.27</b>	Rating **	M	Issue No.	<b>1396 (cont)</b>
LM End	<b>28.27</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70154\_104347.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70154\_104346.jpg



LS view from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>28.27</b>	Rating **	M	Issue No.	<b>1396 (cont)</b>
LM End	<b>28.27</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.032623 °	37.032623 °	
			-120.450108 °	-120.450108 °	
DWR ID	19750				

Photo 3 of 3 : UCIP\_FA\_2021\_70154\_104350.jpg



LS view from toe: concrete headwall at inlet.

LM Start	<b>28.79</b>	Rating **	U	Issue No.	<b>1397</b>
LM End	<b>28.79</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.031640 °	37.031640 °	
			-120.441389 °	-120.441389 °	
DWR ID	19751				

**Comment Code**

**Inspector Comment**

DS\_ID:19751  
 FS\_ID:70155  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Sediment build up in LS pipe inlet; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  
 FIELD\_STRUCT\_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 28.69), listed as a 30-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 28.69), listed as a 30-inch CMP]  
 FS Date: 6/23/2021 10:26:00 AM

Photo 1 of 3 : UCIP\_FA\_2021\_70155\_104318.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>28.79</b>	Rating **	U	Issue No.	<b>1397 (cont)</b>
LM End	<b>28.79</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.031640 °	37.031640 °	
			-120.441389 °	-120.441389 °	
DWR ID	19751				

Photo 2 of 3 : UCIP\_FA\_2021\_70155\_104319.jpg



LS view from crown.

LM Start	<b>28.79</b>	Rating **	U	Issue No.	<b>1397 (cont)</b>
LM End	<b>28.79</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70155\_104321.jpg



LS view from toe: concrete headwall at inlet.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	29.05	Rating **	M	Issue No.	1398	
LM End	29.05	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.028295 °	37.028295 °	
				-120.439275 °	-120.439275 °	
DWR ID	19752					
Comment Code						
Inspector Comment						
DS_ID:19752 FS_ID:70038 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Limited inspection of LS due to accessibility issues; barbed wire fence. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 7/20/2016 same as previous inspection. Crossing has been downgraded from Urgent to Non-Urgent slide gate is on LS. Pipe is buried through WS. Need to coordinate with owner to determine permit used to authorized sleeved pipe. (O. Magana - DWR UCIP)3/27/2014 Slide gate will not close due to 24-inch PVC pipe sleeved through pipe. Also slide gate rails rusted beyond use. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Rodunder Siphon Structure] 48-inch reinforced concrete irrigation siphon pipe through the levee, 12.1 feet below the crown. Concrete U-shaped headwall on inlet structure on the landside (LS) end. Slide gate mounted on concrete headwall on the LS. 36-inch corrugated metal pipe (CMP) riser with a slide gate on the LS, 8 feet upstream from the siphon. 24-inch pipe from this unit enters the siphon behind the inlet structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 28.95), listed as a 48-inch reinforced concrete pipe (RCP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 28.95), listed as a 48-inch RCP referenced as Rodunder Siphon] FS Date: 6/23/2021 9:55:42 AM						

Photo 1 of 3 : UCIP\_FA\_2021\_70038\_104313.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>29.05</b>	Rating **	M	Issue No.	<b>1398 (cont)</b>
LM End	<b>29.05</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.028295 °	37.028295 °	
			-120.439275 °	-120.439275 °	
DWR ID	19752				

Photo 2 of 3 : UCIP\_FA\_2021\_70038\_104315.jpg



View of concrete crossing through channel.

LM Start	<b>29.05</b>	Rating **	M	Issue No.	<b>1398 (cont)</b>
LM End	<b>29.05</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70038\_104314.jpg



LS view from crown. Slide gate mounted to concrete headwall.

LM Start	29.43	Rating **	M	Issue No.	164
LM End	29.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.023481 °	37.021794 °
				-120.435960 °	-120.434769 °
DWR ID	DWR_NA0010_05_f_2018_164				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is slope damage on waterside from livestock traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_164\_20210830\_00050.jpg



Slope damage from animal traffic. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	29.58	Rating **	M	Issue No.	171
LM End	29.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.021534 °	37.018712 °
				-120.434592 °	-120.432682 °
DWR ID	DWR_NA0010_05_s_2014_171				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is waterside erosion caused by livestock.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_171\_20210830\_00051.jpg



Looking south at livestock erosion on the waterside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	29.58	Rating **	M	Issue No.	1399
LM End	29.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.021497 °	37.021497 °
				-120.434602 °	-120.434602 °
DWR ID	19753				
Comment Code					
Inspector Comment					
DS_ID:19753 FS_ID:70156 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 29.49), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 29.49), listed as a 36-inch CMP] FS Date: 6/23/2021					

LM Start	<b>29.58</b>	Rating **	M	Issue No.	<b>1399 (cont)</b>
LM End	<b>29.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70156\_104307.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70156\_104309.jpg



LS view from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>29.58</b>	Rating **	M	Issue No.	<b>1399 (cont)</b>
LM End	<b>29.58</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.021497 °	37.021497 °	
			-120.434602 °	-120.434602 °	
DWR ID	19753				

Photo 3 of 3 : UCIP\_FA\_2021\_70156\_104311.jpg



LS view from toe: concrete headwall at inlet.

LM Start	<b>29.82</b>	Rating **	M	Issue No.	<b>1400</b>
LM End	<b>29.82</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.018505 °	37.018505 °	
			-120.432544 °	-120.432544 °	
DWR ID	19754				

**Comment Code**

**Inspector Comment**

DS\_ID:19754  
 FS\_ID:70194  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record remains Non-Urgent.  
 Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
 [Additional Reference(s): DWR Levee Log, 2002 (HLM 29.72), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 29.72), listed as a 2.5-feet by 2.5-feet RCBC]  
 FS Date: 6/23/2021 4:23:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_70194\_104303.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>29.82</b>	Rating **	M	Issue No.	<b>1400 (cont)</b>
LM End	<b>29.82</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.018505 °	37.018505 °	
			-120.432544 °	-120.432544 °	
DWR ID	19754				

Photo 2 of 3 : UCIP\_FA\_2021\_70194\_104305.jpg



LS view from toe: concrete headwall at inlet.

LM Start	<b>29.82</b>	Rating **	M	Issue No.	<b>1400 (cont)</b>
LM End	<b>29.82</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70194\_104306.jpg



LS view from toe: inside of inlet.

LM Start	29.83	Rating **	C	Issue No.	151
LM End	29.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.018351 °	37.018351 °
				-120.432399 °	-120.432399 °
DWR ID	DWR_NA0010_05_s_2021_151				
Comment Code					
Inspector Comment					
Broken access gate should be repaired or replaced.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	29.87	Rating **	M	Issue No.	170
LM End	31.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.017904 °	37.001907 °
				-120.432130 °	-120.416455 °
DWR ID	DWR_NA0010_05_f_2021_170				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	29.89	Rating **	M	Issue No.	16
LM End	29.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.017540 °	37.016636 °
				-120.431955 °	-120.431243 °
DWR ID	DWR_NA0010_05_s_2012_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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**

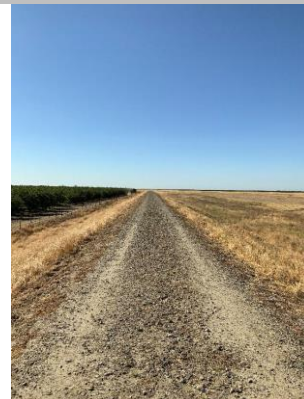
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	30.14	Rating **	M	Issue No.	1401	
LM End	30.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.014471 °	37.014471 °	
				-120.429759 °	-120.429759 °	
DWR ID	19696					
Comment Code						
Inspector Comment						
DS_ID:19696 FS_ID:70158 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 30.04), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 30.04), listed as a 2.5-feet by 2.5-feet RCBC] FS Date: 6/24/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_70158\_104296.jpg



View from levee crown.

LM Start	<b>30.14</b>	Rating **	M	Issue No.	<b>1401 (cont)</b>
LM End	<b>30.14</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_70158\_104297.jpg



LS view from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	30.14	Rating **	M	Issue No.	1401 (cont)	
LM End	30.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.014471 °	37.014471 °	
				-120.429759 °	-120.429759 °	
DWR ID	19696					

Photo 3 of 3 : UCIP\_FA\_2021\_70158\_104301.jpg



LS view from toe: concrete headwall at inlet.

LM Start	30.56	Rating **	A/W	Issue No.	107
LM End	30.56	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			37.009410 °	37.009410 °
				-120.425560 °	-120.425560 °
DWR ID	DWR_NA0010_05_R_2012_01				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:26					
Site Designation:DWR_NA0010_05_R_2012_01					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	31.06	Rating **	M	Issue No.	1402
LM End	31.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.004212 °	37.004212 °
				-120.419178 °	-120.419178 °
DWR ID	19697				

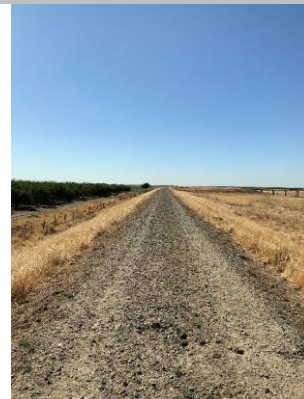
**Comment Code**

**Inspector Comment**

DS\_ID:19697  
FS\_ID:70159  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/24/2021 The record remains Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 03/27/2014 Some debris buildup at LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 30.97), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 30.96), listed as a 2.5-feet by 2.5-feet RCBC]  
FS Date: 6/24/2021 3:36:00 PM

LM Start	<b>31.06</b>	Rating **	M	Issue No.	<b>1402 (cont)</b>
LM End	<b>31.06</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70159\_104289.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70159\_104291.jpg



LS view from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	31.06	Rating **	M	Issue No.	1402 (cont)
LM End	31.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.004212 °	37.004212 °
				-120.419178 °	-120.419178 °
DWR ID	19697				

Photo 3 of 3 : UCIP\_FA\_2021\_70159\_104294.jpg



LS view from toe: concrete headwall at inlet.

LM Start	31.30	Rating **	M	Issue No.	1403
LM End	31.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.001754 °	37.001754 °
				-120.416254 °	-120.416254 °
DWR ID	19698				

**Comment Code**

**Inspector Comment**

DS\_ID:19698  
FS\_ID:70160  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/24/2021 The record remains Non-Urgent. Some tumbleweed buildup over WS flapgate and LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

03/27/2014 Excess vegetation buildup at inlet on LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 31.20), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 31.19), listed as a 2.5-feet by 2.5-feet RCBC]  
FS Date: 6/24/2021 2:32:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_70160\_104282.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>31.30</b>	Rating **	M	Issue No.	<b>1403 (cont)</b>
LM End	<b>31.30</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.001754 °	37.001754 °	
			-120.416254 °	-120.416254 °	
DWR ID	19698				

Photo 2 of 3 : UCIP\_FA\_2021\_70160\_104283.jpg



View of LS from crown.

LM Start	<b>31.30</b>	Rating **	M	Issue No.	<b>1403 (cont)</b>
LM End	<b>31.30</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70160\_104285.jpg



LS view from toe: concrete headwall at inlet.

LM Start	31.49	Rating **	M	Issue No.	172
LM End	32.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.999637 °	36.990404 °
				-120.413936 °	-120.403691 °
DWR ID	DWR_NA0010_05_f_2021_172				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_172\_20210929\_00343.jpg



View of vegetation on the levee crown. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	31.66	Rating **	U	Issue No.	230
LM End	31.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.997828 °	36.997828 °
				-120.411920 °	-120.411920 °
DWR ID	DWR_NA0010_05_s_2020_230				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows in the waterside slope and shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_230\_20210830\_00054.jpg



Rodent burrows in the waterside slope. (Spring 2020)

LM Start	31.70	Rating **	U	Issue No.	129
LM End	31.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.997410 °	36.997108 °
				-120.411437 °	-120.411092 °
DWR ID	DWR_NA0010_05_f _ 2020_129				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_129\_20210830\_00029.jpg



Several large rodent holes noted at this location. (Fall 2020)

<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 - Fall 2021**

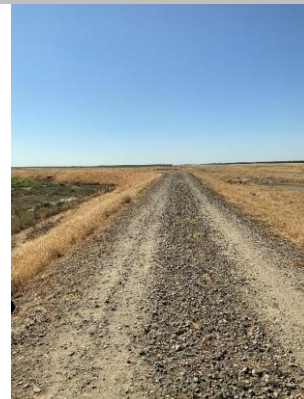
**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	31.74	Rating **	M	Issue No.	1404
LM End	31.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.997001 °	36.997001 °
				-120.410991 °	-120.410991 °
DWR ID	19699				
Comment Code					
Inspector Comment					
DS_ID:19699 FS_ID:70195 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. Wooden planks propping flapgate on WS open; recommend removal before flood season. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 48-inch by 36-inch reinforced concrete box gravity drainage culvert through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 31.64), listed as a 48-inch by 36-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 31.64), listed as a 4-feet by 3-feet RCBC] FS Date: 6/24/2021 2:15:00 PM					

LM Start	<b>31.74</b>	Rating **	M	Issue No.	<b>1404 (cont)</b>
LM End	<b>31.74</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70195\_104275.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70195\_104276.jpg



LS view from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>31.74</b>	Rating **	M	Issue No.	<b>1404 (cont)</b>
LM End	<b>31.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.997001 °	36.997001 °	
			-120.410991 °	-120.410991 °	
DWR ID	19699				

Photo 3 of 3 : UCIP\_FA\_2021\_70195\_104277.jpg



WS view from crown.

LM Start	<b>31.80</b>	Rating **	M	Issue No.	<b>1405</b>
LM End	<b>31.80</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.995029 °	36.995029 °	
			-120.408914 °	-120.408914 °	
DWR ID	19700				

**Comment Code**

**Inspector Comment**

DS\_ID:19700  
 FS\_ID:70162  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/23/2021 The record remains Non-Urgent. Some tumbleweed buildup at LS inlet and WS flapgate, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/01/2014  
 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 31.69), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 31.71), listed as a 2.6-feet by 2.6-feet RCBC]  
 FS Date: 6/23/2021 2:03:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_70162\_104269.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>31.80</b>	Rating **	M	Issue No.	<b>1405 (cont)</b>
LM End	<b>31.80</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.995029 °	36.995029 °	
			-120.408914 °	-120.408914 °	
DWR ID	19700				

Photo 2 of 3 : UCIP\_FA\_2021\_70162\_104268.jpg



LS view from crown.

LM Start	<b>31.80</b>	Rating **	M	Issue No.	<b>1405 (cont)</b>
LM End	<b>31.80</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70162\_104272.jpg



LS view: inside view of inlet.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	32.32	Rating **	M	Issue No.	1406
LM End	32.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.989435 °	36.989435 °
				-120.402626 °	-120.402626 °
DWR ID	19701				
Comment Code					
Inspector Comment					
DS_ID:19701 FS_ID:70163 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Limited inspection of LS inlet due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/01/2014 Some silt buildup inside culvert. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 32.22), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 32.22), listed as a 2.6-feet by 2.6-feet RCBC] FS Date: 6/23/2021 1:18:00 PM					
LM Start	32.32	Rating **	M	Issue No.	1406 (cont)
LM End	32.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70163\_104261.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70163\_104262.jpg



LS view from crown.

<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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>33.11</b>	Rating **	M	Issue No.	<b>1407 (cont)</b>
LM End	<b>33.11</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.980861 °	36.980861 °	
			-120.393116 °	-120.393116 °	
DWR ID	19702				

Photo 2 of 3 : UCIP\_FA\_2021\_70164\_104256.jpg



LS view from crown.

LM Start	<b>33.11</b>	Rating **	M	Issue No.	<b>1407 (cont)</b>
LM End	<b>33.11</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70164\_104257.jpg



LS view from toe: concrete headwall at inlet.

LM Start	33.32	Rating **	M	Issue No.	173
LM End	34.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.978517 °	36.980421 °
				-120.390519 °	-120.368461 °
DWR ID	DWR_NA0010_05_f_2021_173				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	33.80	Rating **	M	Issue No.	174
LM End	34.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976771 °	36.980436 °
				-120.382668 °	-120.368440 °
DWR ID	DWR_NA0010_05_f _ 2021_174				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	33.81	Rating **	M	Issue No.	1408	
LM End	33.81	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			36.976808 °		36.976808 °
				-120.382593 °		-120.382593 °
DWR ID	19703					
Comment Code						
Inspector Comment						
DS_ID:19703 FS_ID:70165 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS and WS due to dense vegetation; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 33.72), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 33.72), listed as a 2.6-feet by 2.6-feet RCBC] FS Date: 6/24/2021 12:30:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_70165\_104247.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>33.81</b>	Rating **	M	Issue No.	<b>1408 (cont)</b>
LM End	<b>33.81</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.976808 °	36.976808 °	
			-120.382593 °	-120.382593 °	
DWR ID	19703				

Photo 2 of 3 : UCIP\_FA\_2021\_70165\_104249.jpg



LS view from crown.

LM Start	<b>33.81</b>	Rating **	M	Issue No.	<b>1408 (cont)</b>
LM End	<b>33.81</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70165\_104252.jpg



LS view from toe: concrete headwall and inlet.

LM Start	33.82	Rating **	M	Issue No.	130
LM End	33.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976849 °	36.976849 °
				-120.382393 °	-120.382393 °
DWR ID	DWR_NA0010_05_f_2017_130				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_130\_20210830\_00030.jpg



Looking east at the landside shoulder.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	34.26	Rating **	C	Issue No.	176
LM End	34.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.978510 °	36.978504 °
				-120.374796 °	-120.370342 °
DWR ID	DWR_NA0010_05_f _ 2019_176				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	34.61	Rating **	M	Issue No.	11
LM End	34.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.978523 °	36.978523 °
				-120.368520 °	-120.368520 °
DWR ID	DWR_NA0010_05_s_2012_11				
Comment Code					
RA : Ramp					
Inspector Comment					
There is an unauthorized ramp on waterside slope. Landowner cut unauthorized ramp on waterside slope and levee crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_123\_11\_20210830\_00008.jpg



Looking west at ramp on waterward slope.

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	34.61	Rating **	M	Issue No.	1409	
LM End	34.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.978593 °	36.978593 °	
				-120.368511 °	-120.368511 °	
DWR ID	19755					
Comment Code						
Inspector Comment						
DS_ID:19755 FS_ID:70196 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of WS and LS due to dense vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Debris buildup visible on waterward headwall--recommend contacting owner to clear pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Chowchilla Canal Irrigation Structure] 36-inch by 36-inch reinforced concrete box gravity irrigation culvert through the levee, 9.7 feet below the crown. Slide gate in a 56-inch by 91-inch concrete riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Landside channel cobble revetted for 8 feet. [Additional Reference(s): DWR Levee Log, 2002 (HLM 34.51), listed as a 36-inch square reinforced concrete box culvert (RCBC) referenced as the Chowchilla Canal Irrigation Structure. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 34.51), listed as a 3-feet by 3-feet RCBC referenced as the Chowchilla Canal Irrigation Structure] FS Date: 6/24/2021 11:58:00 AM						

Photo 1 of 3 : UCIP\_FA\_2021\_70196\_104240.jpg



View of levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	09/15/2021 09/16/2021	Corey Fujitani

LM Start	<b>34.61</b>	Rating **	M	Issue No.	<b>1409 (cont)</b>
LM End	<b>34.61</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.978593 °	36.978593 °	
			-120.368511 °	-120.368511 °	
DWR ID	19755				

Photo 2 of 3 : UCIP\_FA\_2021\_70196\_104241.jpg



LS view from crown.

LM Start	<b>34.61</b>	Rating **	M	Issue No.	<b>1409 (cont)</b>
LM End	<b>34.61</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70196\_104243.jpg



LS view from toe: concrete headwall and inlet.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 06 East Side Bypass			Left	36.47
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/12/2021 - 5/14/2021		9/22/2021 - 9/24/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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.*

## Lower San Joaquin Levee District

No Photos

No Photos

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	0.66	Rating **	M	Issue No.	1212
LM End	0.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.271444 °	37.271444 °
				-120.815835 °	-120.815835 °
DWR ID	19815				

**Comment Code**

**Inspector Comment**

DS\_ID:19815  
FS\_ID:69948  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. Crossing appears to be in good condition and there is no longer sediment buildup. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/18/2014 Need to contact owner. Sediment buildup on landward side. Recommend removing sediment buildup on landward toe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal irrigation discharge pipe through the levee, 7.2 feet below the crown. Pump on concrete structure in the channel. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.74), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 0.74), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>1212 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69948\_102869.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69948\_102870.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>0.66</b>	Rating **	M	Issue No.	<b>1212 (cont)</b>
LM End	<b>0.66</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.271444 °	37.271444 °
				-120.815835 °	-120.815835 °
DWR ID	19815				

Photo 3 of 3 : UCIP\_FA\_2021\_69948\_102871.jpg



LS view: Closeup of pipe outlet at toe.

LM Start	0.75	Rating **	M	Issue No.	105
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.270878 °	37.270878 °
				-120.814459 °	-120.814459 °
DWR ID	DWR_NA0010_06_s_2021_105				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	0.78	Rating **	M	Issue No.	1213	
LM End	0.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.270460 °	37.270460 °	
				-120.814290 °	-120.814290 °	
DWR ID	19816					
Comment Code						
Inspector Comment						
DS_ID:19816 FS_ID:68724 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. LS pipe inlet is blocked by barbed wire, limited access and inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Landward side blocked--need to contact owner to determine status of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.86), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 0.86), listed as a 24-inch CMP] FS Date: 7/27/2021						

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>1213 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68724\_102876.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68724\_102877.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>0.78</b>	Rating **	M	Issue No.	<b>1213 (cont)</b>
LM End	<b>0.78</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.270460 °	37.270460 °	
			-120.814290 °	-120.814290 °	
DWR ID	19816				

Photo 3 of 3 : UCIP\_FA\_2021\_68724\_102879.jpg



LS view: Top view of pipe inlet at toe.

LM Start	1.18	Rating **	U	Issue No.	93
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.267101 °	37.267101 °
				-120.809603 °	-120.809603 °
DWR ID	DWR_NA0010_06_f_2018_93				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows including large burrows were observed at this location.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_93\_20210830\_00026.jpg



View of landside slope. (Fall 2018)

LM Start	1.22	Rating **	M	Issue No.	100
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.266583 °	37.266388 °
				-120.809103 °	-120.808893 °
DWR ID	DWR_NA0010_06_s_2021_100				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	1.52	Rating **	M	Issue No.	127
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263176 °	37.263176 °
				-120.805983 °	-120.805983 °
DWR ID	DWR_NA0010_06_f _ 2021_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_127\_20210929\_00213.jpg



View of rodent burrows in the landside slope. (Fall 2021)

LM Start	1.84	Rating **	M	Issue No.	125
LM End	1.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259527 °	37.259527 °
				-120.803300 °	-120.803300 °
DWR ID	DWR_NA0010_06_s_2012_125				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	1.87	Rating **	M	Issue No.	1214	
LM End	1.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.259312 °	37.259312 °	
				-120.802863 °	-120.802863 °	
DWR ID	19817					
Comment Code						
Inspector Comment						
DS_ID:19817 FS_ID:69794 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. LS pipe inlet inaccessible due to barbed wire and not visible due to dense vegetation, limited inspection and recommend removing vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 No access was available to landward side due to fence. Recommend removing some of the vegetation on waterward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.96), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 1.95), listed as a 24-inch CMP] FS Date: 7/27/2021						

LM Start	<b>1.87</b>	Rating **	M	Issue No.	<b>1214 (cont)</b>
LM End	<b>1.87</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69794\_102901.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69794\_102902.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>1.87</b>	Rating **	M	Issue No.	<b>1214 (cont)</b>
LM End	<b>1.87</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.259312 °	37.259312 °	
			-120.802863 °	-120.802863 °	
DWR ID	19817				

Photo 3 of 3 : UCIP\_FA\_2021\_69794\_102903.jpg



LS view: Slope from toe.

LM Start	2.07	Rating **	M	Issue No.	123
LM End	2.07	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.257848 °	37.257848 °
				-120.799668 °	-120.799668 °
DWR ID	DWR_NA0010_06_f _ 2021_123				
Comment Code					
PI : Pipe					
Inspector Comment					
Temporary pipe placed across the levee crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_123\_20210929\_00215.jpg



Temporary pipe placed across the levee crown. (Fall 2021)

LM Start	2.30	Rating **	M	Issue No.	97
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.255734 °	37.255386 °
				-120.796447 °	-120.795906 °
DWR ID	DWR_NA0010_06_s_2021_97				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	2.42	Rating **	U	Issue No.	92
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.254519 °	37.254519 °
				-120.795141 °	-120.795141 °
DWR ID	DWR_NA0010_06_f _ 2018_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_92\_20210830\_00025.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	2.53	Rating **	M	Issue No.	1215	
LM End	2.53	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.252948 °	37.252948 °	
				-120.794352 °	-120.794352 °	
DWR ID	19818					
Comment Code						
Inspector Comment						
DS_ID:19818 FS_ID:69791 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.9 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.61), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 2.61), listed as a 36-inch CMP] FS Date: 7/27/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69791\_102913.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>2.53</b>	Rating **	M	Issue No.	<b>1215 (cont)</b>
LM End	<b>2.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252948 °	37.252948 °	
			-120.794352 °	-120.794352 °	
DWR ID	19818				

Photo 2 of 3 : UCIP\_FA\_2021\_69791\_102914.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>2.53</b>	Rating **	M	Issue No.	<b>1215 (cont)</b>
LM End	<b>2.53</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69791\_102915.jpg



LS view: Headwall and slope from toe.

LM Start	2.54	Rating **	M	Issue No.	76
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252874 °	37.252874 °
				-120.794192 °	-120.794192 °
DWR ID	DWR_NA0010_06_f_2016_76				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent burrows in the landside slope at this location.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_76\_20210830\_00013.jpg



Representative view of rodent burrow found at this section. (Fall 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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	1216
LM End	2.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252743 °	37.252743 °
				-120.793756 °	-120.793756 °
DWR ID	19819				

**Comment Code**

**Inspector Comment**

DS\_ID:19819  
FS\_ID:69795  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Dense vegetation covering LS pipe inlet, limited inspection and recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 2.65), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>1216 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69795\_102919.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69795\_102920.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>1216 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252743 °	37.252743 °
				-120.793756 °	-120.793756 °
DWR ID	19819				

Photo 3 of 3 : UCIP\_FA\_2021\_69795\_102921.jpg



LS view: Closeup of pipe inlet at toe with dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>2.77</b>	Rating **	U	Issue No.	<b>1217</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253020 °	37.253020 °	
			-120.790219 °	-120.790219 °	
DWR ID	19820				

**Comment Code**

**Inspector Comment**

DS\_ID:19820  
FS\_ID:70041  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5 and less than 6. Crossing will be monitored until funding becomes available to address the issues. Dense vegetation covering LS pipe inlet, limited inspection and recommend removal of vegetation. Some minor erosion under WS concrete pad, less than a foot in length. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014. Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.85), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 2.85), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>2.77</b>	Rating **	U	Issue No.	<b>1217 (cont)</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70041\_102928.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70041\_102929.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>2.77</b>	Rating **	U	Issue No.	<b>1217 (cont)</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253020 °	37.253020 °	
			-120.790219 °	-120.790219 °	
DWR ID	19820				

Photo 3 of 3 : UCIP\_FA\_2021\_70041\_102930.jpg



LS view: Closeup of pipe inlet at toe covered with vegetation.

LM Start	<b>3.01</b>	Rating **	M	Issue No.	<b>1218</b>
LM End	<b>3.01</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.253811 °	37.253811 °	
			-120.786059 °	-120.786059 °	
DWR ID	19821				

**Comment Code**

**Inspector Comment**

DS\_ID:19821  
 FS\_ID:69797  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. Limited inspection due to sediment and debris buildup inside LS pipe inlet, recommend removal. Sediment buildup keeping WS flapgate open, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.09), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.09), listed as a 24-inch CMP]  
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69797\_102944.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.01	Rating **	M	Issue No.	1218 (cont)
LM End	3.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253811 °	37.253811 °
				-120.786059 °	-120.786059 °
DWR ID	19821				

Photo 2 of 3 : UCIP\_FA\_2021\_69797\_102945.jpg



LS view: Toe from crown.

LM Start	<b>3.01</b>	Rating **	M	Issue No.	<b>1218 (cont)</b>
LM End	<b>3.01</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69797\_102946.jpg



LS view: Slope from toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.21	Rating **	M	Issue No.	1219
LM End	3.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

**Comment Code**

**Inspector Comment**

DS\_ID:19822  
FS\_ID:69950  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. There is minor separation of the CMP and concrete headwall on the LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on waterward slope and landward toe (headwall blocked by dense vegetation). Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.29), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.29), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>3.21</b>	Rating **	M	Issue No.	<b>1219 (cont)</b>
LM End	<b>3.21</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69950\_102952.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69950\_102953.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.21	Rating **	M	Issue No.	1219 (cont)
LM End	3.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

Photo 3 of 3 : UCIP\_FA\_2021\_69950\_102954.jpg



LS view: Slope from toe.

LM Start	3.38	Rating **	M	Issue No.	1220
LM End	3.38	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.252152 °	37.252152 °
				-120.779969 °	-120.779969 °
DWR ID	19823				

**Comment Code**

**Inspector Comment**

DS\_ID:19823  
 FS\_ID:69951  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Not Found  
 Crossing Status: Not Found  
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. No signs of pipe, headwalls, or flapgate found on WS or LS. Confirm with owner on the status of this pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Alignment of crossing unknown--altered crossing. No headwall found on landward side only siphon breaker found a short distance from landward toe. Tall grass observed on waterward slope and some burrow activity also noticed. Need to contact owner to determine alignment of crossing and status of crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 15.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Bench mark (BM) stamped 9770-152 on top of the WS headwall. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.44), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.43), listed as a 36-inch CMP]  
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69951\_102957.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.38	Rating **	M	Issue No.	1220 (cont)
LM End	3.38	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.252152 °	37.252152 °
				-120.779969 °	-120.779969 °
DWR ID	19823				

Photo 2 of 3 : UCIP\_FA\_2021\_69951\_102958.jpg



LS view: Toe from crown.

LM Start	<b>3.38</b>	Rating **	M	Issue No.	<b>1220 (cont)</b>
LM End	<b>3.38</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69951\_102959.jpg



LS view: Slope from the crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.42	Rating **	M	Issue No.	1221
LM End	3.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.251902 °	37.251902 °
				-120.779391 °	-120.779391 °
DWR ID	19824				

**Comment Code**

**Inspector Comment**

DS\_ID:19824  
FS\_ID:69952  
EP\_NO: 6965  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Modification or Non-Compliant Permit  
Crossing Status: Indicator Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. Crossing appears to be modified, there is no WS pump or platform. No sign of pipe visible on LS, unless pipe goes to large plant facility off the toe. Confirm with owner on the alignment and status of pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/18/2014 Description of structure does not match. Need to contact owner. Current description includes concrete platform, trash screen, and gage reading on waterward side. Metal box located on waterward shoulder. Large plant facility locate on landward side. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 16-inch coated steel irrigation discharge pipe through the levee, 7.4 feet below the crown. Corrugated metal cutoff wall around the pipe in the center of the levee. Pump on the waterside (WS) with a timber platform on the berm for support. Siphon breaker on the apex of the pipe on the landside (LS) shoulder. Pipe exposed on both slopes. (Plans to place a 20-inch irrigation pipe through the levee authorized under Permit No. 6965, 1971 - Scarborough, Robinson, and Associates). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.44), listed as a 16-inch steel pipe].  
FS Date: 7/27/2021

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>1221 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69952\_102964.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69952\_102965.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>3.42</b>	Rating **	M	Issue No.	<b>1221 (cont)</b>
LM End	<b>3.42</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.251902 °	37.251902 °
				-120.779391 °	-120.779391 °
DWR ID	19824				

Photo 3 of 3 : UCIP\_FA\_2021\_69952\_102966.jpg



LS view: Plant facility visible off the toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	1222
LM End	3.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251687 °	37.251687 °
				-120.778534 °	-120.778534 °
DWR ID	19825				

**Comment Code**

**Inspector Comment**

DS\_ID:19825  
FS\_ID:69953  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. WS riser has broken cover, creating a safety hazard. Limited inspection due to dense tumbleweeds over LS inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Sediment buildup inside pipe visible from landward side. Excess soil is also present on landward toe partially blocking concrete headwall and inlet. Recommend removing soil from landward toe and clear buildup inside. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.8 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. Pipe connects to a 30-inch steel drainage pipe on the WS. Drainage pipe extends to the pump on the WS on a support platform in the channel. (Extension drainage pipe and pump installed under Permit No. 12527, 1979 - Joseph Gallo).  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 3.54), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.54), listed as a 36-inch CMP]  
FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69953\_102976.jpg



Levee crown.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	1222 (cont)
LM End	3.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251687 °	37.251687 °
				-120.778534 °	-120.778534 °
DWR ID	19825				

Photo 2 of 3 : UCIP\_FA\_2021\_69953\_102972.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>3.47</b>	Rating **	M	Issue No.	<b>1222 (cont)</b>
LM End	<b>3.47</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69953\_102973.jpg



LS view: Headwall and slope from toe.

LM Start	3.49	Rating **	M	Issue No.	67
LM End	3.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251602 °	37.251602 °
				-120.778118 °	-120.778118 °
DWR ID	DWR_NA0010_06_f_2017_67				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_67\_20210830\_00007.jpg



View of active rodent and burrow on the landside slope. (Spring 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.68	Rating **	A/W	Issue No.	122
LM End	3.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251161 °	37.251161 °
				-120.774659 °	-120.774659 °
DWR ID	DWR_NA0010_06_f_2021_122				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	3.69	Rating **	M	Issue No.	1223
LM End	3.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251199 °	37.251199 °
				-120.774474 °	-120.774474 °
DWR ID	19826				
Comment Code					
Inspector Comment					
DS_ID:19826 FS_ID:69954 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS pipe inlet due to vegetation covering it, recommend removal. Exterior liner of WS flapgate is significantly chipping off. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.77), listed as a 24-inch CMP] FS Date: 7/27/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_69954\_102981.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>3.69</b>	Rating **	M	Issue No.	<b>1223 (cont)</b>
LM End	<b>3.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.251199 °	37.251199 °	
			-120.774474 °	-120.774474 °	
DWR ID	19826				

Photo 2 of 3 : UCIP\_FA\_2021\_69954\_102982.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>3.69</b>	Rating **	M	Issue No.	<b>1223 (cont)</b>
LM End	<b>3.69</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69954\_102983.jpg



LS view: Headwall and slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	3.89	Rating **	M	Issue No.	1224
LM End	3.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250742 °	37.250742 °
				-120.771026 °	-120.771026 °
DWR ID	19827				

**Comment Code**

**Inspector Comment**

DS\_ID:19827  
FS\_ID:68740  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 3.98), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 3.97), listed as a 36-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>3.89</b>	Rating **	M	Issue No.	<b>1224 (cont)</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68740\_102994.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68740\_102995.jpg



LS view: Headwall visible at toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>3.89</b>	Rating **	M	Issue No.	<b>1224 (cont)</b>
LM End	<b>3.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.250742 °	37.250742 °	
			-120.771026 °	-120.771026 °	
DWR ID	19827				

Photo 3 of 3 : UCIP\_FA\_2021\_68740\_102996.jpg



LS view: Headwall and slope from toe.

LM Start	<b>4.09</b>	Rating **	M	Issue No.	<b>1225</b>
LM End	<b>4.09</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.248353 °	37.248353 °	
			-120.768922 °	-120.768922 °	
DWR ID	19828				

**Comment Code**

**Inspector Comment**

DS\_ID:19828  
 FS\_ID:69799  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. Limited inspection due to LS pipe inlet being covered by dense tumbleweeds, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.17), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 4.17), listed as a 24-inch CMP]  
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69799\_103005.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>4.09</b>	Rating **	M	Issue No.	<b>1225 (cont)</b>
LM End	<b>4.09</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248353 °	37.248353 °
				-120.768922 °	-120.768922 °
DWR ID	19828				

Photo 2 of 3 : UCIP\_FA\_2021\_69799\_103006.jpg



LS view: Toe from crown.

LM Start	<b>4.09</b>	Rating **	M	Issue No.	<b>1225 (cont)</b>
LM End	<b>4.09</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69799\_103007.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	4.33	Rating **	M	Issue No.	1226	
LM End	4.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.246459 °		37.246459 °
				-120.765470 °		-120.765470 °
DWR ID	19829					
Comment Code						
Inspector Comment						
DS_ID:19829 FS_ID:69800 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection due to LS pipe inlet having some vegetation overgrowth over it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 4.41), listed as a 24-inch CMP] FS Date: 7/27/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69800\_103019.jpg



Levee crown.

LM Start	<b>4.33</b>	Rating **	M	Issue No.	<b>1226 (cont)</b>
LM End	<b>4.33</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_69800\_103020.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>4.33</b>	Rating **	M	Issue No.	<b>1226 (cont)</b>
LM End	<b>4.33</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.246459 °	37.246459 °	
			-120.765470 °	-120.765470 °	
DWR ID	19829				

Photo 3 of 3 : UCIP\_FA\_2021\_69800\_103021.jpg



LS view: Headwall and slope from toe.

LM Start	<b>4.62</b>	Rating **	M	Issue No.	<b>1227</b>
LM End	<b>4.62</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.243946 °	37.243946 °	
			-120.761296 °	-120.761296 °	
DWR ID	19830				

**Comment Code**

**Inspector Comment**

DS\_ID:19830  
 FS\_ID:69955  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Safety Issue  
 Crossing Status: Found  
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. WS riser has no cover, causing safety hazard. Limited inspection due to LS pipe inlet completely buried within large dirt pile, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014  
 Sediment buildup inside crossing visible from landward side.  
 Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.9 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope.  
 Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.69), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 4.70), listed as a 36-inch CMP]  
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69955\_103030.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	4.62	Rating **	M	Issue No.	1227 (cont)
LM End	4.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243946 °	37.243946 °
				-120.761296 °	-120.761296 °
DWR ID	19830				

Photo 2 of 3 : UCIP\_FA\_2021\_69955\_103031.jpg



LS view: Toe from crown.

LM Start	<b>4.62</b>	Rating **	M	Issue No.	<b>1227 (cont)</b>
LM End	<b>4.62</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69955\_103032.jpg



LS view: Pile of dirt completely covering pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	4.67	Rating **	U	Issue No.	1228
LM End	4.67	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °
				-120.760564 °	-120.760564 °
DWR ID	19831				

**Comment Code**

**Inspector Comment**

DS\_ID:19831  
FS\_ID:69956  
EP\_NO: N/A  
Repair Type: Urgent  
EVAL Issue: Pipe Integrity  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 5. Crossing will be monitored until funding becomes available to address the issues. Vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/18/2014 Need to contact owner. Recommend removing tall grass on landward toe to determine condition of crossing from landward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.75), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 4.75), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>4.67</b>	Rating **	U	Issue No.	<b>1228 (cont)</b>
LM End	<b>4.67</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69956\_103037.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69956\_103038.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	4.67	Rating **	U	Issue No.	1228 (cont)	
LM End	4.67	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °	
				-120.760564 °	-120.760564 °	
DWR ID	19831					

Photo 3 of 3 : UCIP\_FA\_2021\_69956\_103039.jpg



LS view: Headwall and slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>4.86</b>	Rating **	M	Issue No.	<b>1229</b>
LM End	<b>4.86</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.242024 °	37.242024 °	
			-120.757602 °	-120.757602 °	
DWR ID	19862				

**Comment Code**

**Inspector Comment**

DS\_ID:19862  
FS\_ID:69802  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection due to dense vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along waterward slope to conduct proper inspection of structure. Also recommend removing dense vegetation blocking landward headwall. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.95), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 4.94), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>4.86</b>	Rating **	M	Issue No.	<b>1229 (cont)</b>
LM End	<b>4.86</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69802\_103046.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69802\_103047.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>4.86</b>	Rating **	M	Issue No.	<b>1229 (cont)</b>
LM End	<b>4.86</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.242024 °	37.242024 °	
			-120.757602 °	-120.757602 °	
DWR ID	19862				

Photo 3 of 3 : UCIP\_FA\_2021\_69802\_103048.jpg



LS view: Headwall and slope from toe.

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>1230</b>
LM End	<b>5.26</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.239098 °	37.239098 °	
			-120.751774 °	-120.751774 °	
DWR ID	19863				

**Comment Code**

**Inspector Comment**

DS\_ID:19863  
 FS\_ID:69957  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Damage  
 Crossing Status: Found  
 UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Clear vegetation from waterward slope and landward headwall. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.35), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 5.34), listed as a 24-inch CMP]  
 FS Date: 7/27/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69957\_103067.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>1230 (cont)</b>
LM End	<b>5.26</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.239098 °	37.239098 °	
			-120.751774 °	-120.751774 °	
DWR ID	19863				

Photo 2 of 3 : UCIP\_FA\_2021\_69957\_103068.jpg



LS view: Toe from crown.

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>1230 (cont)</b>
LM End	<b>5.26</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69957\_103069.jpg



LS view: Headwall and slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	5.55	Rating **	M	Issue No.	1231
LM End	5.55	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.238610 °	37.238610 °	
			-120.746591 °	-120.746591 °	
DWR ID	19864				

**Comment Code**

**Inspector Comment**

DS\_ID:19864  
FS\_ID:69803  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Limited inspection due to vegetation over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also recommend removing excess vegetation at landward headwall. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.63), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 5.63), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	5.55	Rating **	M	Issue No.	1231 (cont)
LM End	5.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69803\_103076.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69803\_103077.jpg



LS view: Toe from crown.

<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**

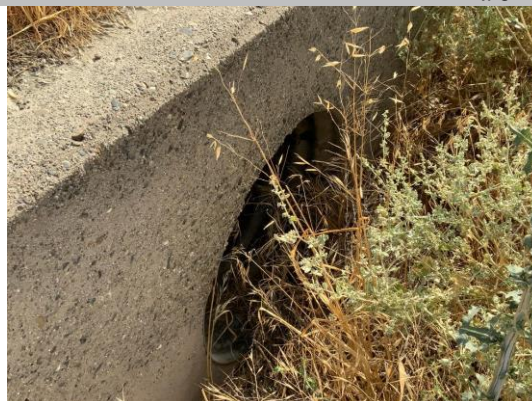
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	5.55	Rating **	M	Issue No.	1231 (cont)	
LM End	5.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.238610 °	37.238610 °	
				-120.746591 °	-120.746591 °	
DWR ID	19864					

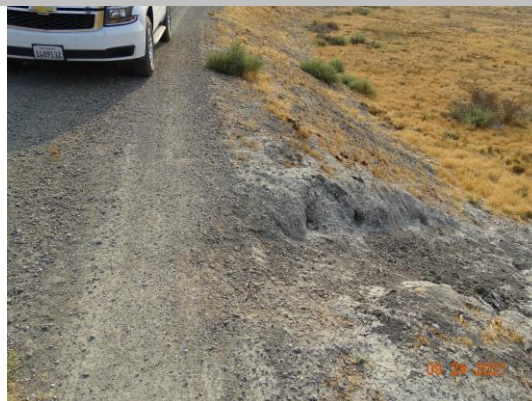
Photo 3 of 3 : UCIP\_FA\_2021\_69803\_103078.jpg



LS view: Closeup of pipe inlet at toe with vegetation growth.

LM Start	5.77	Rating **	U	Issue No.	66
LM End	5.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.238354 °	37.238354 °
				-120.742480 °	-120.742480 °
DWR ID	DWR_NA0010_06_f _ 2017_66				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is damage to the landside slope and shoulder from livestock.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_66\_20210929\_00216.jpg



View of damage to landside slope from livestock traffic looking downstream. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	5.93	Rating **	M	Issue No.	69
LM End	7.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.236936 °	37.226800 °
				-120.740384 °	-120.724736 °
DWR ID	DWR_NA0010_06_f_2015_69				
Comment Code					
PO : Pole					
Inspector Comment					
There are several PG&E poles within this section at the landside toe and slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_69\_20210830\_00009.jpg



Looking downstream at PG&E poles on the landside slope and toe. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	5.98	Rating **	M	Issue No.	1232
LM End	5.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.236414 °	37.236414 °
				-120.739735 °	-120.739735 °
DWR ID	19865				
Comment Code					
Inspector Comment					
DS_ID:19865 FS_ID:70009 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 07/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears to be in good condition. Separate 10 inch plastic pipe inlet and flowmeter off the LS toe across this Crossing's inlet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  7/19/2016 Site has been repaired on WS and LS (see photos below). (O. Magana - DWR UCIP)5/26/2016 Erosion is undermining the WS headwall of drainage structure (photos of WS headwall provided by DWR Inspector R. Willoughby). Potential pipe failure at the outlet just behind headwall, recommend completing internal wall integrity of pipe length through levee to determine extent of damage to pipe. (O. Magana - DWR UCIP)4/18/2014 Need to contact owner. Sediment buildup in pipe visible on landside--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 6.06), listed as a 24-inch CMP] FS Date: 7/27/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_70009\_103092.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>5.98</b>	Rating **	M	Issue No.	<b>1232 (cont)</b>
LM End	<b>5.98</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.236414 °	37.236414 °	
			-120.739735 °	-120.739735 °	
DWR ID	19865				

Photo 2 of 3 : UCIP\_FA\_2021\_70009\_103093.jpg



LS view: Toe from crown.

LM Start	<b>5.98</b>	Rating **	M	Issue No.	<b>1232 (cont)</b>
LM End	<b>5.98</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70009\_103094.jpg



LS toe: Headwall and slope from toe.

LM Start	6.06	Rating **	M	Issue No.	22
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235777 °	37.235610 °
				-120.738598 °	-120.738212 °
DWR ID	DWR_NA0010_06_s_2012_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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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## Lower San Joaquin Levee District

No Photos

View of livestock damage on waterside slope. (Fall 2018)

Erosion to slope and into crown from livestock. (Fall 2018)

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	6.15	Rating **	M	Issue No.	95
LM End	6.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235349 °	37.235349 °
				-120.737047 °	-120.737047 °
DWR ID	DWR_NA0010_06_s_2021_95				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.63	Rating **	M	Issue No.	90
LM End	6.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231384 °	37.231384 °
				-120.730297 °	-120.730297 °
DWR ID	DWR_NA0010_06_s_2021_90				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_90\_20210830\_00023.jpg



Looking at multiple rodent holes in the landside 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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>6.70</b>	Rating **	M	Issue No.	<b>1233</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.230508 °	37.230508 °	
			-120.729634 °	-120.729634 °	
DWR ID	19866				

**Comment Code**

**Inspector Comment**

DS\_ID:19866  
FS\_ID:69959  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Crossing appears to be in good condition. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 6.79), listed as a 24-inch CMP]  
FS Date: 7/27/2021

LM Start	<b>6.70</b>	Rating **	M	Issue No.	<b>1233 (cont)</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69959\_103109.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69959\_103106.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>6.70</b>	Rating **	M	Issue No.	<b>1233 (cont)</b>
LM End	<b>6.70</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.230508 °	37.230508 °	
			-120.729634 °	-120.729634 °	
DWR ID	19866				

Photo 3 of 3 : UCIP\_FA\_2021\_69959\_103107.jpg



LS view: Closeup of pipe inlet at toe.

LM Start	<b>6.89</b>	Rating **	M	Issue No.	<b>1234</b>
LM End	<b>6.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.228253 °	37.228253 °	
			-120.727865 °	-120.727865 °	
DWR ID	19867				

**Comment Code**

**Inspector Comment**

DS\_ID:19867  
 FS\_ID:69960  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Safety Issue  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. The cover on the WS riser is broken, causing a safety concern. There is another riser, pump, and pipe out closer to the channel on the WS but is not within 15 feet of the toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.97), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 6.97), listed as a 36-inch CMP]  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69960\_101625.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>6.89</b>	Rating **	M	Issue No.	<b>1234 (cont)</b>
LM End	<b>6.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.228253 °	37.228253 °	
			-120.727865 °	-120.727865 °	
DWR ID	19867				

Photo 2 of 3 : UCIP\_FA\_2021\_69960\_101628.jpg



LS view: Toe from crown.

LM Start	<b>6.92</b>	Rating **	M	Issue No.	<b>1234 (cont)</b>
LM End	<b>6.92</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69960\_101629.jpg



LS view: Closeup of pipe inlet at toe.

LM Start	6.92	Rating **	A/W	Issue No.	79
LM End	6.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.228054 °	37.228054 °
				-120.727428 °	-120.727428 °
DWR ID	DWR_NA0010_06_f _ 2018_79				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_79\_20210830\_00015.jpg



View down the landside slope of damage from livestock. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	7.10	Rating **	A/W	Issue No.	7
LM End	7.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.226675 °	37.226675 °
				-120.724498 °	-120.724498 °
DWR ID	DWR_NA0010_06_s_2012_7				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.21	Rating **	M	Issue No.	1235	
LM End	7.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °	
				-120.722739 °	-120.722739 °	
DWR ID	19868					
Comment Code						
Inspector Comment						
DS_ID:19868 FS_ID:68024 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 07/13/2021 Record is still Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Need to contact owner. Clear animal from waterward side. Some sediment buildup in pipe visible landward side-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.29), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 7.29), listed as a 24-inch CMP] FS Date: 7/13/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68024\_101634.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	7.21	Rating **	M	Issue No.	1235 (cont)
LM End	7.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °
				-120.722739 °	-120.722739 °
DWR ID	19868				

Photo 2 of 3 : UCIP\_FA\_2021\_68024\_101638.jpg



LS view: Headwall visible at toe from crown.

LM Start	7.21	Rating **	M	Issue No.	1235 (cont)
LM End	7.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68024\_101639.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	7.66	Rating **	M	Issue No.	1236
LM End	7.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222743 °	37.222743 °
				-120.716416 °	-120.716416 °
DWR ID	19869				

**Comment Code**

**Inspector Comment**

DS\_ID:19869  
FS\_ID:69961  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. No longer sediment buildup as mentioned in previous inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Some sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Skewed crossing. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.74), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 7.74), listed as a 24-inch CMP]  
FS Date: 7/13/2021

LM Start	<b>7.66</b>	Rating **	M	Issue No.	<b>1236 (cont)</b>
LM End	<b>7.66</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69961\_101643.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69961\_101644.jpg



LS view: Headwall visible at toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	7.66	Rating **	M	Issue No.	1236 (cont)
LM End	7.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222743 °	37.222743 °
				-120.716416 °	-120.716416 °
DWR ID	19869				

Photo 3 of 3 : UCIP\_FA\_2021\_69961\_101645.jpg



LS view: Slope and headwall at toe.

LM Start	7.66	Rating **	A/W	Issue No.	74
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.222689 °	37.222689 °
				-120.716400 °	-120.716400 °
DWR ID	DWR_NA0010_06_f_2018_74				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to levee slope from livestock access.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_74\_20210830\_00012.jpg



Slope damage from livestock. (Fall 2018)

LM Start	8.08	Rating **	A/W	Issue No.	65
LM End	8.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.217199 °	37.217199 °
				-120.713374 °	-120.713374 °
DWR ID	DWR_NA0010_06_f_2017_65				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Livestock damage to levee slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_65\_20210830\_00005.jpg



Looking southwest at the landside slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	1237
LM End	8.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.216547 °	37.216547 °
				-120.713000 °	-120.713000 °
DWR ID	19870				

**Comment Code**

**Inspector Comment**

DS\_ID:19870  
FS\_ID:69962  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. Some vegetation buildup over LS pipe inlet and WS flapgate, recommend removal of vegetation on both ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Sediment buildup in pipe--recommend contacting owner to clear sediment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.22), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 8.21), listed as a 24-inch CMP]  
FS Date: 7/13/2021

LM Start	<b>8.13</b>	Rating **	M	Issue No.	<b>1237 (cont)</b>
LM End	<b>8.13</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69962\_102248.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69962\_102249.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	1237 (cont)
LM End	8.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.216547 °	37.216547 °
				-120.713000 °	-120.713000 °
DWR ID	19870				

Photo 3 of 3 : UCIP\_FA\_2021\_69962\_102250.jpg



LS view: Closeup of pipe inlet at toe. Some vegetation blocking.

LM Start	8.20	Rating **	A/W	Issue No.	104
LM End	8.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.215588 °	37.215588 °
				-120.712406 °	-120.712406 °
DWR ID	DWR_NA0010_06_f _ 2020_104				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_104\_20210830\_00032.jpg



Livestock damage to the landside slope. (Fall 2020)

LM Start	8.32	Rating **	A/W	Issue No.	89
LM End	8.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.214273 °	37.214273 °
				-120.711100 °	-120.711100 °
DWR ID	DWR_NA0010_06_f_2019_89				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_89\_20210830\_00022.jpg



View of damage to the waterside slope looking upstream. (Fall 2019)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>8.43</b>	Rating **	M	Issue No.	<b>1238</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.213288 °	37.213288 °	
			-120.709503 °	-120.709503 °	
DWR ID	19871				

**Comment Code**

**Inspector Comment**

DS\_ID:19871  
FS\_ID:68479  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 07/13/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Inside of LS pipe inlet is rusted but no visible holes or deterioration. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side--recommend clearing. Good candidate for pressure test or video inspection due to signs of heavy corrosion. If no leaks after tests this crossing would be a good candidate for rehabilitation. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.51), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SRJ601.1), 1967, Revised 25 May 2011, (HLM 8.51), listed as a 24-inch CMP]  
FS Date: 7/13/2021

LM Start	<b>8.43</b>	Rating **	M	Issue No.	<b>1238 (cont)</b>
LM End	<b>8.43</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68479\_102254.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68479\_102255.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	8.43	Rating **	M	Issue No.	1238 (cont)	
LM End	8.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.213288 °	37.213288 °	
				-120.709503 °	-120.709503 °	
DWR ID	19871					

Photo 3 of 3 : UCIP\_FA\_2021\_68479\_102256.jpg



LS view: Headwall and slope at toe.

LM Start	8.69	Rating **	M	Issue No.	121
LM End	8.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.210809 °	37.210809 °
				-120.706106 °	-120.706106 °
DWR ID	DWR_NA0010_06_f_2021_121				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_121\_20210929\_00217.jpg



Looking at rodent holes in the landside slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	9.52	Rating **	M	Issue No.	1239
LM End	9.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.202481 °	37.202481 °
				-120.695303 °	-120.695303 °
DWR ID	19872				
Comment Code					
Inspector Comment					
DS_ID:19872 FS_ID:68484 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Cable not found by visual inspection and no service box found. Recommend contacting owner to obtain status of this crossing and alignment. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)12/05/2014 Accidently missed updating record. Photos have been added and coordinates have been updated. Unable to confirm if crossing is the same cable line originally identified in desk study at levee mile 9.43. Recommend contacting owner to confirm alignment, size of conduit, and permit issued. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: Telephone cable of an unknown size or material under crown of roadway, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.43), listed as a buried telephone cable] FS Date: 7/13/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68484\_102262.jpg



Levee crown.

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>1239 (cont)</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68484\_102264.jpg



LS view: Top of slope, no box visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>1239 (cont)</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.202481 °	37.202481 °	
			-120.695303 °	-120.695303 °	
DWR ID	19872				

Photo 3 of 3 : UCIP\_FA\_2021\_68484\_102263.jpg



WS view: Slope from crown, no box visible.

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1240</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.202014 °	37.202014 °	
			-120.694820 °	-120.694820 °	
DWR ID	19873				

**Comment Code**

**Inspector Comment**

DS\_ID:19873  
 FS\_ID:68483  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record remains Non-Urgent.  
 Standing water on the WS at time of inspection, limited inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 12/05/2014  
 Accidentally missed entry. Photos have been added and coordinates have been updated by Olivia Magana. Unable to determine condition of crossing due to limited access. Recommend contacting owner to provide condition of crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Slide gate in a concrete diversion box on the waterside (WS) shoulder. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.64), listed as a 36-inch corrugated metal pipe (CMP)].  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68483\_102272.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	9.56	Rating **	M	Issue No.	1240 (cont)
LM End	9.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.202014 °	37.202014 °
				-120.694820 °	-120.694820 °
DWR ID	19873				

Photo 2 of 3 : UCIP\_FA\_2021\_68483\_102270.jpg



LS view: Toe from crown.

LM Start	<b>9.56</b>	Rating **	M	Issue No.	<b>1240 (cont)</b>
LM End	<b>9.56</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68483\_102271.jpg



LS view: Pipe inlet at toe from bridge.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1241</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694865 °	-120.694865 °	
DWR ID	19742				

**Comment Code**

**Inspector Comment**

DS\_ID:19742  
FS\_ID:68485  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) 04/21/2014 Accidentally missed--need photos (O. Magana - DWR UCIP) FIELD\_STRUCT\_DESC: [Mariposa Bypass Structure] Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.64), listed as Mariposa Bypass Control Structure]  
FS Date: 7/13/2021

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1241 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68485\_102276.jpg



Top of bridge.

Photo 2 of 3 : UCIP\_FA\_2021\_68485\_102278.jpg



LS view: Inlet culverts along bridge at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1241 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694865 °	-120.694865 °	
DWR ID	19742				

Photo 3 of 3 : UCIP\_FA\_2021\_68485\_102279.jpg



LS view: Slope from crown.

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1242</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19739				

**Comment Code**

**Inspector Comment**

DS\_ID:19739  
 FS\_ID:69963  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) 04/21/2014 Accidentally missed--need photos. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: [Mariposa Bypass Structure] 2 of 6:  
 Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure.  
 [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.2, 1969].  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69963\_102282.jpg



Top of bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1242 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19739				

Photo 2 of 3 : UCIP\_FA\_2021\_69963\_102283.jpg



LS view: Slidegates along bridge at toe.

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1242 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69963\_102285.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	9.59	Rating **	M	Issue No.	1243
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.201544 °	37.201544 °
				-120.694870 °	-120.694870 °
DWR ID	19740				

**Comment Code**

**Inspector Comment**

DS\_ID:19740  
FS\_ID:69964  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 04/21/2014 Accidentally missed--need photos (DWR UCIP - O. Magana) FIELD\_STRUCT\_DESC: [Mariposa Bypass Structure] 3 of 6: Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.2, 1969].  
FS Date: 7/13/2021

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1243 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69964\_102291.jpg



Top of bridge.

Photo 2 of 3 : UCIP\_FA\_2021\_69964\_102292.jpg



LS view: Inlet culverts at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1243 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19740				

Photo 3 of 3 : UCIP\_FA\_2021\_69964\_102293.jpg



LS view: Slope from crown.

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1244</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19741				

**Comment Code**

**Inspector Comment**

DS\_ID:19741  
 FS\_ID:68489  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 04/21/2014 Accidentally missed--need photos (DWR UCIP - O. Magana) FIELD\_STRUCT\_DESC: [Mariposa Bypass Structure] 4 of 6: Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.2, 1969].  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68489\_102296.jpg



Top of bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1244 (cont)</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19741				

Photo 2 of 3 : UCIP\_FA\_2021\_68489\_102297.jpg



LS view: Inlet culverts along bridge at toe.

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1244 (cont)</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68489\_102298.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	9.60	Rating **	M	Issue No.	1245
LM End	9.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.201544 °	37.201544 °
				-120.694870 °	-120.694870 °
DWR ID	19558				

**Comment Code**

**Inspector Comment**

DS\_ID:19558  
FS\_ID:68490  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 04/21/2014 Accidentally missed--need photos (DWR UCIP - O. Magana) FIELD\_STRUCT\_DESC: [Mariposa Bypass Structure] 5 of 6: Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.2, 1969].  
FS Date: 7/13/2021

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1245 (cont)</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68490\_102301.jpg



Top of bridge.

Photo 2 of 3 : UCIP\_FA\_2021\_68490\_102302.jpg



LS view: Inlet culverts along bridge at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1245 (cont)</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.201544 °	37.201544 °	
			-120.694870 °	-120.694870 °	
DWR ID	19558				

Photo 3 of 3 : UCIP\_FA\_2021\_68490\_102303.jpg



LS view: Slope from crown.

LM Start	<b>9.66</b>	Rating **	M	Issue No.	<b>1246</b>
LM End	<b>9.66</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200948 °	37.200948 °	
			-120.694362 °	-120.694362 °	
DWR ID	25540				

**Comment Code**

**Inspector Comment**

DS\_ID:25540  
FS\_ID:70004  
EP\_NO: 18961  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record is Non-Urgent. Could not inspect LS due to barbed wire and pipe inlets being underwater. Crossing is new since the last inspection and has replaced the pipe for DSID 19874. Crossing appears in good condition. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

09/23/2020 UCIP record brought online. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [East Side Bypass Siphon] 1 of 2. 54-inch rubber gasket reinforced concrete pipe (RGRCP) through the levee, at an unknown depth below the levee crown. Line goes through Unit 5 levee and under the East Side Bypass Channel and goes through Unit 6 levee. Inlet structure and pump station are located on the north side of Unit 5. Concrete standpipes (siphons) located in the channel. Screw gates located on the north side of Unit 6. Electrical box located on the levee crown of Unit 6. (two 54-inch siphon lines installed under Permit 18961, 2016 - Henry Miller Reclamation District, existing 48-inch line was removed)  
FS Date: 7/12/2021

Photo 1 of 3 : UCIP\_FA\_2021\_70004\_101564.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.66</b>	Rating **	M	Issue No.	<b>1246 (cont)</b>
LM End	<b>9.66</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200948 °	37.200948 °	
			-120.694362 °	-120.694362 °	
DWR ID	25540				

Photo 2 of 3 : UCIP\_FA\_2021\_70004\_101565.jpg



LS view: Slope from toe.

LM Start	<b>9.66</b>	Rating **	M	Issue No.	<b>1246 (cont)</b>
LM End	<b>9.66</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70004\_101568.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>9.66</b>	Rating **	M	Issue No.	<b>1247</b>
LM End	<b>9.66</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200948 °	37.200948 °	
			-120.694362 °	-120.694362 °	
DWR ID	25541				

**Comment Code**

**Inspector Comment**

DS\_ID:25541  
FS\_ID:69965  
EP\_NO: 18961  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record is Non-Urgent. Crossing is new since the last inspection and has replaced the pipe for DSID 19874. Limited inspection of LS pipe inlet due to standing water and barbed wire. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 09/23/2020 UCIP record brought online. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [East Side Bypass Siphon] 2 of 2. 54-inch rubber gasket reinforced concrete pipe (RGRCP) through the levee, at an unknown depth below the levee crown. Line goes through Unit 5 levee and under the East Side Bypass Channel and goes through Unit 6 levee. Inlet structure and pump station are located on the north side of Unit 5. Concrete standpipes (siphons) located in the channel. Screw gates located on the north side of Unit 6. Electrical box located on the levee crown of Unit 6. (two 54-inch siphon lines installed under Permit 18961, 2016 - Henry Miller Reclamation District, existing 48-inch line was removed)  
FS Date: 7/13/2021

LM Start	<b>9.66</b>	Rating **	M	Issue No.	<b>1247 (cont)</b>
LM End	<b>9.66</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69965\_102306.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69965\_102313.jpg



LS view: Closeup of pipe inlets at toe under water.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	9.66	Rating **	M	Issue No.	1247 (cont)	
LM End	9.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.200948 °	37.200948 °	
				-120.694362 °	-120.694362 °	
DWR ID	25541					

Photo 3 of 3 : UCIP\_FA\_2021\_69965\_102307.jpg



LS view: Slope from toe.

LM Start	9.67	Rating **	M	Issue No.	103
LM End	9.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200934 °	37.200836 °
				-120.694084 °	-120.693406 °
DWR ID	DWR_NA0010_06_f_2020_103				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_103\_20210830\_00031.jpg



Rodent holes in the landside slope. (Fall 2020)

LM Start	10.12	Rating **	U	Issue No.	102
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.196845 °	37.196845 °
				-120.687892 °	-120.687892 °
DWR ID	DWR_NA0010_06_f_2020_102				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_102\_20210830\_00030.jpg



View of large animal burrow in the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	10.97	Rating **	M	Issue No.	1248	
LM End	10.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.187944 °	37.187944 °	
				-120.677449 °	-120.677449 °	
DWR ID	19563					
Comment Code						
Inspector Comment						
DS_ID:19563 FS_ID:69966 EP_NO: 18624 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. WS outlets were underwater at time of inspection, limited inspection. There appears to be a new pump and pipe system off the LS toe. Confirm with owner on the status of this crossing. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch reinforced concrete water supply pipe through the levee, 5 feet below the crown. Pipe riser on both the inlet and the outlet sides. Control gate on the landside (LS). Slide gate on the waterside (WS) end. Joints secured in hoop steel and encased in concrete at each levee toe. (36-inch water pipe through levee, under and across channel, authorized Permit No. 18624, 2010, Wolfsen Land and Cattle Company). FS Date: 7/13/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69966\_102318.jpg



Levee crown.

LM Start	<b>10.97</b>	Rating **	M	Issue No.	<b>1248 (cont)</b>
LM End	<b>10.97</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_69966\_102319.jpg



LS view: New pump and pipe system off the toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	10.97	Rating **	M	Issue No.	1248 (cont)	
LM End	10.97	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.187944 °	37.187944 °	
				-120.677449 °	-120.677449 °	
DWR ID	19563					

Photo 3 of 3 : UCIP\_FA\_2021\_69966\_102316.jpg



LS view: New pumps and pipe system off toe.

LM Start	11.49	Rating **	M	Issue No.	14
LM End	11.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.186189 °	37.186189 °
				-120.668476 °	-120.668476 °
DWR ID	DWR_NA0010_06_s_2015_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Almond tree located along Sandy Mush Road on waterside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_14\_20210830\_00003.jpg



Looking west at tree on waterward slope. (Spring 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>11.56</b>	Rating **	M	Issue No.	<b>1249</b>
LM End	<b>11.56</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.186227 °	37.186227 °	
			-120.667337 °	-120.667337 °	
DWR ID	19875				

**Comment Code**

**Inspector Comment**

DS\_ID:19875  
FS\_ID:69967  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Indicator Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to dense vegetation over both LS inlet/headwall and WS flapgate, recommend removal of vegetation on both ends. WS toe is also covered by barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Unable to stop--high traffic area--safety issue. Crossing needs to be evaluated. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002[Mariposa Bypass Structure] 2 of 6: Approximately 14 reinforced concrete box gravity drainage culverts of an unknown size across the intersection of the Mariposa Bypass and the Eastside Bypass. Roadway across structure. Controlled slide gates on end four culverts, both sides. Wing wall on each side of the structure. Rock revetment immediately downstream of the structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 11.64), listed as a 24-inch CMP].  
FS Date: 7/13/2021

LM Start	<b>11.56</b>	Rating **	M	Issue No.	<b>1249 (cont)</b>
LM End	<b>11.56</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69967\_102321.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69967\_102325.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>11.56</b>	Rating **	M	Issue No.	<b>1249 (cont)</b>
LM End	<b>11.56</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.186227 °	37.186227 °	
			-120.667337 °	-120.667337 °	
DWR ID	19875				

Photo 3 of 3 : UCIP\_FA\_2021\_69967\_102324.jpg



LS view: Toe from crown.

LM Start	<b>11.74</b>	Rating **	M	Issue No.	<b>1250</b>
LM End	<b>11.74</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.185513 °	37.185513 °	
			-120.664561 °	-120.664561 °	
DWR ID	19876				

**Comment Code**

**Inspector Comment**

DS\_ID:19876  
 FS\_ID:69968  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record remains Non-Urgent. Dense vegetation over LS inlet and WS outlet, recommend removal of vegetation from both sides. Limited inspection of both inlet and outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Clear debris from waterward and landward toes. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 17 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.83), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.82), listed as a 36-inch CMP].  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69968\_102330.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	11.74	Rating **	M	Issue No.	1250 (cont)	
LM End	11.74	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.185513 °	37.185513 °	
				-120.664561 °	-120.664561 °	
DWR ID	19876					

Photo 2 of 3 : UCIP\_FA\_2021\_69968\_102328.jpg



WS view: Flapgate barely visible under dense vegetation at toe.

LM Start	<b>11.74</b>	Rating **	M	Issue No.	<b>1250 (cont)</b>
LM End	<b>11.74</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69968\_102329.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	13.22	Rating **	M	Issue No.	1251
LM End	13.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171675 °	37.171675 °
				-120.655064 °	-120.655064 °
DWR ID	19877				

**Comment Code**

**Inspector Comment**

DS\_ID:19877  
FS\_ID:69808  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Partial cover on WS riser, recommend repair for safety reasons. Limited inspection due to LS pipe inlet being overed with vegetation, headwall barely visible, recommend removal. WS outlet not found, possibly buried under dirt or vegetaion. Recommend removal of vegetation and dirt to uncover WS pipe outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.91), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.30), listed as a 24-inch CMP].  
FS Date: 7/13/2021

LM Start	<b>13.22</b>	Rating **	M	Issue No.	<b>1251 (cont)</b>
LM End	<b>13.22</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69808\_102335.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69808\_102334.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>13.22</b>	Rating **	M	Issue No.	<b>1251 (cont)</b>
LM End	<b>13.22</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.171675 °	37.171675 °	
			-120.655064 °	-120.655064 °	
DWR ID	19877				

Photo 3 of 3 : UCIP\_FA\_2021\_69808\_102339.jpg



LS view: Toe from crown.

LM Start	13.24	Rating **	M	Issue No.	68
LM End	13.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.171686 °	37.171686 °
				-120.654562 °	-120.654562 °
DWR ID	DWR_NA0010_06_f _ 2015_68				
Comment Code					
MA : Material					
Inspector Comment					
Landowner stockpiled dirt at landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_68\_20210830\_00008.jpg



Looking downstream at dirt stockpile on the landside toe. (Fall 2020)

LM Start	14.00	Rating **	M	Issue No.	120
LM End	14.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.171591 °	37.171591 °
				-120.640938 °	-120.640938 °
DWR ID	DWR_NA0010_06_f_2021_120				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_120\_20210929\_00218.jpg



View of slope stability issue on the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	14.36	Rating **	M	Issue No.	1252
LM End	14.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				

**Comment Code**

**Inspector Comment**

DS\_ID:19878  
FS\_ID:69977  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to LS pipe inlet not being found, assuming its completely buried. Recommend removing dirt and vegetation to find alignment and confirming with owner on the status of this pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.44), listed as a 24-inch CMP]  
FS Date: 7/13/2021

LM Start	<b>14.36</b>	Rating **	M	Issue No.	<b>1252 (cont)</b>
LM End	<b>14.36</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69977\_102392.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69977\_102396.jpg



LS view: Slope from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	14.36	Rating **	M	Issue No.	1252 (cont)
LM End	14.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				

Photo 3 of 3 : UCIP\_FA\_2021\_69977\_102397.jpg



LS view: Slope from toe, no pipe visible.

LM Start	14.36	Rating **	C	Issue No.	99
LM End	14.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.167825 °	37.167825 °
				-120.636347 °	-120.636347 °
DWR ID	DWR_NA0010_06_f _ 2019_99				
Comment Code					
PI : Pipe					
Inspector Comment					
Pipe left on landside slope and toe.					

No Photos

LM Start	14.37	Rating **	U	Issue No.	98
LM End	14.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.167740 °	37.167740 °
				-120.636282 °	-120.636282 °
DWR ID	DWR_NA0010_06_f_2020_98				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_98\_20210830\_00027.jpg



Looking upstream along the waterside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	14.63	Rating **	M	Issue No.	101
LM End	14.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.164871 °	37.164824 °
				-120.633222 °	-120.633167 °
DWR ID	DWR_NA0010_06_f _ 2018_101				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrows are located along landside shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_101\_20210830\_00029.jpg



View of rodent hole on landside shoulder. (Fall 2018)

LM Start	14.71	Rating **	M	Issue No.	119
LM End	15.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.164000 °	37.160390 °
				-120.632225 °	-120.623995 °
DWR ID	DWR_NA0010_06_f _ 2021_119				
Comment Code					
DT : Ditch					
Inspector Comment					
Ditch dug approximate 10 - 15 feet from the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_119\_20210929\_00219.jpg



Ditch landowner has dug on the landside toe. (Fall 2021)

LM Start	15.31	Rating **	U	Issue No.	124
LM End	15.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.159932 °	37.157217 °
				-120.622810 °	-120.618915 °
DWR ID	DWR_NA0010_06_s_2012_124				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_124\_20210929\_00220.jpg



Large rodent burrows observed in the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	15.66	Rating **	U	Issue No.	118
LM End	15.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.157109 °	37.157109 °
				-120.617443 °	-120.617443 °
DWR ID	DWR_NA0010_06_f_2021_118				
Comment Code					
Inspector Comment					
The gate at W Chamberlain Rd crossing has been destroyed. It should be replaced or removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_118\_20210929\_00221.jpg



View of destroyed gate. (Fall 2021)

LM Start	15.68	Rating **	M	Issue No.	1253	
LM End	15.68	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.156934 °	37.156934 °	
				-120.617210 °	-120.617210 °	
DWR ID	19884					
Comment Code						
Inspector Comment						
DS_ID:19884 FS_ID:69810 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection of LS pipe inlet. LS pipe edges are warped and inlet filled with sediment and some vegetation, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Need to contact owner. Sediment buildup on both the waterward and landward side. Recommend removing sediment buildup from both side. Also recommend clearing excess sediment inside crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.78), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.76), listed as a 24-inch CMP]. FS Date: 7/13/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69810\_102352.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	15.68	Rating **	M	Issue No.	1253 (cont)
LM End	15.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156934 °	37.156934 °
				-120.617210 °	-120.617210 °
DWR ID	19884				

Photo 2 of 3 : UCIP\_FA\_2021\_69810\_102351.jpg



LS view: Closeup of pipe inlet at toe with sediment buildup.

LM Start	<b>15.68</b>	Rating **	M	Issue No.	<b>1253 (cont)</b>
LM End	<b>15.68</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69810\_102350.jpg



LS view: Headwall visible at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	1254	
LM End	15.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °	
				-120.615303 °	-120.615303 °	
DWR ID	19885					
Comment Code						
Inspector Comment						
DS_ID:19885 FS_ID:69978 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/13/2021 The record remains Non-Urgent. LS pipe inlet was underwater at time of inspection. WS flapgate was buried under sediment, limited inspection on both ends. Recommend removal of sediment covering flapgate on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Need to contact owner to determine status of crossing. Waterward side is buried and not accessible. Landward side headwall is blocked by dense vegetation. Recommend confirming status of flap gate on waterward side and removing dense vegetation form landward side. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 16.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.93), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.91), listed as a 36-inch CMP] FS Date: 7/13/2021						

LM Start	<b>15.82</b>	Rating **	M	Issue No.	<b>1254 (cont)</b>
LM End	<b>15.82</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69978\_102362.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69978\_102365.jpg



LS view: Closeup of slidegate underwater at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>15.82</b>	Rating **	M	Issue No.	<b>1254 (cont)</b>
LM End	<b>15.82</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °
				-120.615303 °	-120.615303 °
DWR ID	19885				

Photo 3 of 3 : UCIP\_FA\_2021\_69978\_102364.jpg



LS view: Slope from toe.

LM Start	16.24	Rating **	M	Issue No.	83
LM End	16.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.151529 °	37.151529 °
				-120.609767 °	-120.609767 °
DWR ID	DWR_NA0010_06_s_2021_83				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>16.40</b>	Rating **	M	Issue No.	<b>1255</b>
LM End	<b>16.40</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.149747 °	37.149747 °	
			-120.607702 °	-120.607702 °	
DWR ID	19559				

**Comment Code**

**Inspector Comment**

DS\_ID:19559  
FS\_ID:69812  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Both WS inlet and LS outlet were underwater at the time of inspection, limited inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/17/2014 Need to contact owner to determine status of crossing. Unable to confirm pipe diameter. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal irrigation siphon pipe through the levee, 5.9 feet below the crown. Slide gate on the waterside (WS). Siphon extends under channel. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.49), listed as a 36-inch corrugated metal pipe (CMP), siphon under channel].  
FS Date: 7/13/2021

LM Start	<b>16.40</b>	Rating **	M	Issue No.	<b>1255 (cont)</b>
LM End	<b>16.40</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69812\_102368.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69812\_102367.jpg



LS view: Close up of pipe outlet underwater off toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>16.40</b>	Rating **	M	Issue No.	<b>1255 (cont)</b>
LM End	<b>16.40</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.149747 °	37.149747 °	
			-120.607702 °	-120.607702 °	
DWR ID	19559				

Photo 3 of 3 : UCIP\_FA\_2021\_69812\_102373.jpg



LS view: Slope from toe.

LM Start	<b>16.43</b>	Rating **	M	Issue No.	<b>1256</b>
LM End	<b>16.43</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.149735 °	37.149735 °	
			-120.606849 °	-120.606849 °	
DWR ID	19886				

**Comment Code**

**Inspector Comment**

DS\_ID:19886  
 FS\_ID:69979  
 EP\_NO: 3040  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Indicator Found  
 UCIP Comments: 07/13/2021 The record is Non-Urgent. WS slidegate is visible off the toe at the end of a small channel with the right diameter size, but does not go through the levee. Confirm with owner on the status of this crossing, alignment, and if this slidegate is the correct indicator. Limited inspection due to water being present around the inlet at time of survey. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 48-inch corrugated metal irrigation siphon pipe through the levee, 8.7 feet below the crown. Slide gate on the landside (LS). Cobble revetment around each end of the pipe. Siphon extends under the channel. 24-inch corrugated metal cleanout pipe at the center of the channel with a metal plate cover. (Plans for construction of two reinforced concrete siphons across the Eastside Bypass authorized under Permit No. 3040, 1959 - Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.52), listed as a 48-inch corrugated metal pipe (CMP)].  
 FS Date: 7/13/2021

Photo 1 of 3 : UCIP\_FA\_2021\_69979\_102377.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	16.43	Rating **	M	Issue No.	1256 (cont)	
LM End	16.43	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.149735 °	37.149735 °	
				-120.606849 °	-120.606849 °	
DWR ID	19886					

Photo 2 of 3 : UCIP\_FA\_2021\_69979\_102378.jpg



WS view: Headwall and slidegate off the toe within small channel.

LM Start	<b>16.43</b>	Rating **	M	Issue No.	<b>1256 (cont)</b>
LM End	<b>16.43</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69979\_102379.jpg



WS view: Closeup of slidegate off toe.

LM Start	16.98	Rating **	M	Issue No.	116
LM End	16.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.143090 °	37.143090 °
				-120.601488 °	-120.601488 °
DWR ID	DWR_NA0010_06_f_2021_116				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	17.10	Rating **	M	Issue No.	115
LM End	17.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.141678 °	37.141305 °
				-120.600221 °	-120.599949 °
DWR ID	DWR_NA0010_06_f_2021_115				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	18.20	Rating **	M	Issue No.	1257	
LM End	18.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.127773 °	37.127773 °	
				-120.590809 °	-120.590809 °	
DWR ID	19887					
Comment Code						
Inspector Comment						
DS_ID:19887 FS_ID:69813 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. LS pipe inlet filled with sediment, recommend removal. WS flapgate has some vegetation over it, recommend removal. Limited inspection on both WS and LS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)						
04/17/2014 Sediment build up on landward side toe -- debris blockage. No photos available. Recommend taking photos of crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.29), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.27), listed as a 24-inch CMP]. FS Date: 7/13/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69813\_101418.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	18.20	Rating **	M	Issue No.	1257 (cont)
LM End	18.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127773 °	37.127773 °
				-120.590809 °	-120.590809 °
DWR ID	19887				

Photo 2 of 3 : UCIP\_FA\_2021\_69813\_101419.jpg



LS view: Toe from crown.

LM Start	<b>18.20</b>	Rating **	M	Issue No.	<b>1257 (cont)</b>
LM End	<b>18.20</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69813\_101420.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	18.81	Rating **	M	Issue No.	1258
LM End	18.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.119268 °	37.119268 °
				-120.587208 °	-120.587208 °
DWR ID	19888				

**Comment Code**

**Inspector Comment**

DS\_ID:19888  
FS\_ID:67964  
EP\_NO: 3040  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record has been downgraded from Urgent to Non-Urgent. LS gate open and water flowing through during inspection. Did not observe leaks as stated in previous inspection. WS pipe end goes under channel so unable to inspect. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

11/01/2018 Signs of pipe leakage (wet spot) visible in floodway. Crossing remains Urgent due to potential leakage along the pipe. Recommend internal inspection to determine pipe integrity through the levee. (O. Magana - DWR UCIP)07/20/2016 Same as previous inspection. Dense vegetation prevents proper inspection along floodway. (O. Magana - DWR UCIP)04/17/2014 Need to contact owner. Leak on waterward toe approximately 15 feet from toe. Good candidate for video or pressure test. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 48-inch corrugated metal irrigation siphon pipe through the levee, 8.8 feet below the crown. Slide gate in a pipe riser on the landside (LS) slope, not the waterside (WS) slope. Concrete headwall on the LS, not the WS. Siphon extends under the channel. 24-inch corrugated metal cleanout pipe at the center of the channel with a metal plate cover. (Plans for construction of two reinforced concrete siphons across the Eastside Bypass authorized under Permit No. 3040, 1959 - Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.91), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.91), listed as a 48-inch CMP]  
FS Date: 7/12/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67964\_101447.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>18.81</b>	Rating **	M	Issue No.	<b>1258 (cont)</b>
LM End	<b>18.81</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.119268 °	37.119268 °	
			-120.587208 °	-120.587208 °	
DWR ID	19888				

Photo 2 of 3 : UCIP\_FA\_2021\_67964\_101448.jpg



LS view: Slidegate visible at toe from crown.

LM Start	<b>18.81</b>	Rating **	M	Issue No.	<b>1258 (cont)</b>
LM End	<b>18.81</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67964\_101449.jpg



LS view: Closeup of slidegate at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>18.89</b>	Rating **	M	Issue No.	<b>1259</b>
LM End	<b>18.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.118178 °	37.118178 °	
			-120.586783 °	-120.586783 °	
DWR ID	19889				

**Comment Code**

**Inspector Comment**

DS\_ID:19889  
FS\_ID:69980  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. Barbed wire over LS end, could not inspect closely. No cover over WS riser, causing safety hazard. Slightly warped edges on both WS and LS pipe inlet/outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.98), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.97), listed as a 24-inch CMP].

FS Date: 7/12/2021

LM Start	<b>18.89</b>	Rating **	M	Issue No.	<b>1259 (cont)</b>
LM End	<b>18.89</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69980\_101558.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69980\_101559.jpg



LS view: Toe from crown.

<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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## Lower San Joaquin Levee District

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	19.28	Rating **	M	Issue No.	1260	
LM End	19.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °	
				-120.588751 °	-120.588751 °	
DWR ID	19890					
Comment Code						
Inspector Comment						
DS_ID:19890 FS_ID:68011 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pipe outlet visible but underwater, unable to inspect closely. LS pipe inlet was not seen, but likely underwater. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 20 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. Riprap along the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.36), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.36), listed as a 48-inch CMP]. FS Date: 7/12/2021						

LM Start	19.28	Rating **	M	Issue No.	1260 (cont)
LM End	19.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68011\_101574.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68011\_101575.jpg



LS view: Slope from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	19.28	Rating **	M	Issue No.	1260 (cont)
LM End	19.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °
				-120.588751 °	-120.588751 °
DWR ID	19890				

Photo 3 of 3 : UCIP\_FA\_2021\_68011\_101576.jpg



WS view: Slidegate visible on slope from crown.

LM Start	19.41	Rating **	M	Issue No.	111
LM End	19.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111677 °	37.112989 °
				-120.587568 °	-120.586620 °
DWR ID	DWR_NA0010_06_f_2019_111				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	1261
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °
				-120.579102 °	-120.579102 °
DWR ID	19891				

**Comment Code**

**Inspector Comment**

DS\_ID:19891  
FS\_ID:69814  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/12/2021 The record remains Non-Urgent. Limited inspection due to dense vegetation on LS and WS ends, LS headwall just barely visible, recommend removal of vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.82), listed as a 2.5-foot by 2.5-foot reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.85), listed as a 2.5-foot by 2.5 foot RCBC].  
FS Date: 7/12/2021

LM Start	<b>19.94</b>	Rating **	M	Issue No.	<b>1261 (cont)</b>
LM End	<b>19.94</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69814\_101582.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69814\_101578.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	1261 (cont)
LM End	19.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °
				-120.579102 °	-120.579102 °
DWR ID	19891				

Photo 3 of 3 : UCIP\_FA\_2021\_69814\_101579.jpg



LS view: Dense vegetation over pipe inlet at toe, pipe not visible.

LM Start	20.79	Rating **	M	Issue No.	1209
LM End	21.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.113107 °	37.108653 °
				-120.563782 °	-120.558977 °
DWR ID	DWR_NA0010_06_s_2015_1209				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion on landside slope greater than 3 inches. Erosion caused by livestock.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_1209\_20210830\_00040.jpg



Erosion on the landside slope from livestock activity. (Spring 2020)

LM Start	21.28	Rating **	A/W	Issue No.	64
LM End	21.28	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			37.107670 °	37.107670 °
				-120.557990 °	-120.557990 °
DWR ID	253-136				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:35					
Site Designation:253-136					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	21.30	Rating **	U	Issue No.	113
LM End	21.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107502 °	37.107502 °
				-120.557813 °	-120.557813 °
DWR ID	DWR_NA0010_06_f_2021_113				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_113\_20210929\_00222.jpg



Several rodent holes observed at this location. (Fall 2021)

LM Start	21.39	Rating **	M	Issue No.	114
LM End	21.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106397 °	37.106397 °
				-120.556727 °	-120.556727 °
DWR ID	DWR_NA0010_06_f_2019_114				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_114\_20210830\_00034.jpg



View of rodent burrows on the landside slope. (Spring 2020)

LM Start	21.54	Rating **	M	Issue No.	112
LM End	21.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104695 °	37.104695 °
				-120.555001 °	-120.555001 °
DWR ID	DWR_NA0010_06_f _ 2021_112				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	21.71	Rating **	M	Issue No.	107
LM End	21.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.102844 °	37.102002 °
				-120.553160 °	-120.552314 °
DWR ID	DWR_NA0010_06_f _ 2018_107				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion into levee prism due to livestock activities.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_107\_20210830\_00033.jpg



View of erosion in landside levee prism. (Spring 2019)

LM Start	21.82	Rating **	M	Issue No.	91
LM End	22.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.101617 °	37.098894 °
				-120.551909 °	-120.549178 °
DWR ID	DWR_NA0010_06_f _ 2020_91				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_91\_20210830\_00024.jpg



Cattle trail damage to the landside slope and shoulder. (Fall 2020)

LM Start	22.09	Rating **	M	Issue No.	86
LM End	22.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.098524 °	37.094479 °
				-120.548781 °	-120.544435 °
DWR ID	DWR_NA0010_06_f _ 2017_86				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion greater than 3 inches on landside slope caused by livestock.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_86\_20210830\_00021.jpg



Looking upstream along the landside slope. (Fall 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	22.15	Rating **	U	Issue No.	70
LM End	22.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.097885 °	37.097885 °
				-120.548108 °	-120.548108 °
DWR ID	DWR_NA0010_06_s_2021_70				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_70\_20210830\_00010.jpg



View of large rodent burrows in the landside slope. (Spring 2021)

LM Start	22.87	Rating **	M	Issue No.	117
LM End	22.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.089954 °	37.089954 °
				-120.539535 °	-120.539535 °
DWR ID	DWR_NA0010_06_f _ 2019_117				
Comment Code					
DE : Debris					
Inspector Comment					
Large block of concrete left on the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_117\_20210830\_00035.jpg



Large concrete block left on the landside toe. (Fall 2019)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	22.92	Rating **	M	Issue No.	1262	
LM End	22.92	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			37.089411 °	37.089411 °	
				-120.538940 °	-120.538940 °	
DWR ID	19812					
Comment Code						
Inspector Comment						
DS_ID:19812 FS_ID:70005 EP_NO: 12657 Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/12/2021 The record has been upgraded from No Action Needed to Non-Urgent. One of the attached pipes on WS appears to have been removed and is not attached. Unable to access LS riser due to barbed wire. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 16-inch coated steel irrigation discharge pipe through the levee, 4 feet below the crown. Portable pump on the waterside (WS). Concrete standpipe on landside (LS) slope with a timber walkway access. Siphon breaker on the LS shoulder. Cutoff wall around the pipe at the center of the levee. Intake trench from the channel to the WS toe. (Plans to install a diversion pump in the Eastside Bypass with a discharge pipeline through the levee authorized under Permit No. 12657, 1979 - Laurie H. Hall, Mary H. Hicks, and William E. Hammonds). [Additional Reference(s): DWR Levee Log, 2002 (HLM 22.82), listed as a 16-inch steel pipe] FS Date: 7/12/2021						

LM Start	<b>22.92</b>	Rating **	M	Issue No.	<b>1262 (cont)</b>
LM End	<b>22.92</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70005\_101599.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70005\_101600.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>22.92</b>	Rating **	M	Issue No.	<b>1262 (cont)</b>
LM End	<b>22.92</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.089411 °	37.089411 °	
			-120.538940 °	-120.538940 °	
DWR ID	19812				

Photo 3 of 3 : UCIP\_FA\_2021\_70005\_101597.jpg



LS view: Risers and pumps off the toe from crown.

LM Start	23.11	Rating **	M	Issue No.	110
LM End	23.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.087312 °	37.087312 °
				-120.536662 °	-120.536662 °
DWR ID	DWR_NA0010_06_f_2021_110				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_110\_20210929\_00223.jpg



View of rodent burrows on the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	24.02	Rating **	M	Issue No.	1263	
LM End	24.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.077406 °	37.077406 °	
				-120.525938 °	-120.525938 °	
DWR ID	19879					
Comment Code						
Inspector Comment						
DS_ID:19879 FS_ID:70006 EP_NO: 13638 Repair Type: Non-Urgent EVAL Issue: Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. WS pump removed and wires cut. Large pieces of pipe appear to be out of place, crossing appears abandoned. Pump off LS toe behind fence is running for well water. Recommend contacting owner to confirm status of crossing. Erosion and instability underneath concrete pad meant for pump on the edge of the WS outlet channel. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/17/2014 Need to contact owner to determine status. Crossing has been modified. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 16-inch coated steel irrigation discharge pipe through the levee, 3.5 feet below the crown. Cutoff wall around the pipe at the center of the levee. Pump on the waterside (WS). Siphon breaker on the landside (LS) shoulder. Intake trench on the WS. (Plans to install a pump with a 16-inch pipeline over the levee authorized under Permit No. 13638, 1983 - Hamonds Ranch). [Additional Reference(s): DWR Levee Log, 2002 (HLM 23.92), listed as a 16-inch steel pipe] FS Date: 7/12/2021						

LM Start	<b>24.02</b>	Rating **	M	Issue No.	<b>1263 (cont)</b>
LM End	<b>24.02</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70006\_101614.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70006\_101615.jpg



LS view: Toe from crown.

<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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	24.45	Rating **	M	Issue No.	1264	
LM End	24.45	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.072692 °	37.072692 °	
				-120.520846 °	-120.520846 °	
DWR ID	19880					
Comment Code						
Inspector Comment						
DS_ID:19880 FS_ID:68022 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/12/2021 The record is Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: Communications cable of an unknown size or material through the levee, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2002 (HLM 24.36), listed as a communication cable]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68022\_101619.jpg



Levee crown.

LM Start	<b>24.45</b>	Rating **	M	Issue No.	<b>1264 (cont)</b>
LM End	<b>24.45</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68022\_101620.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>24.45</b>	Rating **	M	Issue No.	<b>1264 (cont)</b>
LM End	<b>24.45</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.072692 °	37.072692 °	
			-120.520846 °	-120.520846 °	
DWR ID	19880				

Photo 3 of 3 : UCIP\_FA\_2021\_68022\_101621.jpg



WS view: Toe from crown, no pipe visible.

LM Start	24.46	Rating **	M	Issue No.	78
LM End	24.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.072606 °	37.072606 °
				-120.520748 °	-120.520748 °
DWR ID	DWR_NA0010_06_f_2020_78				
Comment Code					
Inspector Comment					
Under eastbound 152. Gate in channel under highway 152 should be repaired.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_78\_20210830\_00014.jpg



View of damaged access gate under highway 152. (Fall 2020)

LM Start	24.62	Rating **	M	Issue No.	109
LM End	24.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.070841 °	37.067859 °
				-120.518829 °	-120.515616 °
DWR ID	DWR_NA0010_06_f_2021_109				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	26.13	Rating **	M	Issue No.	1208
LM End	26.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.054222 °	37.054222 °
				-120.500862 °	-120.500862 °
DWR ID	DWR_NA0010_06_s_2015_1208				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Noted several rodent holes next to and within rock revetment on landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_1208\_20210830\_00039.jpg



Rodent holes on landward slope.

LM Start	26.71	Rating **	M	Issue No.	77
LM End	26.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.048333 °	37.048333 °
				-120.493507 °	-120.493507 °
DWR ID	DWR_NA0010_06_f_2020_77				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	26.80	Rating **	M	Issue No.	1265	
LM End	26.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.047403 °	37.047403 °	
				-120.492400 °	-120.492400 °	
DWR ID	19568					
Comment Code						
Inspector Comment						
DS_ID:19568 FS_ID:70007 EP_NO: 13178 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/24/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 16-inch coated steel drainage discharge pipe through the levee, 2 feet below the crown. Electrical conduit through the levee. Metal cutoff wall around the pipe at the center of the levee. Siphon breaker on the apex of the pipe on the landside (LS) shoulder. Turbine pump on a concrete foundation. Holding basin on the waterside (WS). Service pole on the LS end. Riprap on the WS slope. Inlet channel from main river to WS levee toe. (Plans to place a turbine pump on the riverbank and a 16-inch discharge pipe through the levee authorized under Permit No. 13178, 1981 - Menefee Hill Ranch Company). FS Date: 6/24/2021 12:48:00 PM						

LM Start	<b>26.80</b>	Rating **	M	Issue No.	<b>1265 (cont)</b>
LM End	<b>26.80</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_70007\_103927.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_70007\_103928.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>26.80</b>	Rating **	M	Issue No.	<b>1265 (cont)</b>
LM End	<b>26.80</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.047403 °	37.047403 °	
			-120.492400 °	-120.492400 °	
DWR ID	19568				

Photo 3 of 3 : UCIP\_FA\_2021\_70007\_103929.jpg



LS view: Slope from crown.

LM Start	27.43	Rating **	M	Issue No.	3
LM End	27.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.036955 °	37.032762 °
				-120.484395 °	-120.481078 °
DWR ID	DWR_NA0010_06_s_2012_3				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion and slope instability caused by livestock. Erosion greater than 3" in depth on landside slope. Levee crown has narrowed within this reach.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_3\_20210830\_00001.jpg



Looking south along landside slope. (Spring 2019)

LM Start	28.39	Rating **	M	Issue No.	75
LM End	28.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030010 °	37.030010 °
				-120.474765 °	-120.474765 °
DWR ID	DWR_NA0010_06_f _ 2020_75				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	28.47	Rating **	M	Issue No.	19
LM End	28.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.029937 °	37.029977 °
				-120.473384 °	-120.472266 °
DWR ID	DWR_NA0010_06_s_2015_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows are also on the crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_19\_20210830\_00004.jpg



View of rodent burrow in the levee crown. (Fall 2019)

LM Start	28.95	Rating **	M	Issue No.	126
LM End	28.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030155 °	37.030155 °
				-120.464738 °	-120.464738 °
DWR ID	DWR_NA0010_06_f_2019_126				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	29.44	Rating **	M	Issue No.	1266	
LM End	29.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.030369 °	37.030369 °	
				-120.455969 °	-120.455969 °	
DWR ID	19881					
Comment Code						
Inspector Comment						
DS_ID:19881 FS_ID:70034 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. WS inlet had sediment build up in pipe; recommend removal. Build up of debris in CMP riser on WS slope; recommend removal. WS CMP riser is missing lid, causing safety hazard. LS pipe outlet had elevated water levels around the headwall and pipe, limited ability to inspect closely. Unidentified pipe has been installed off 15 feet from the toe of LS headwall; does not affect crossing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/10/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity irrigation pipe through the levee, 12.4 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Cobble pad on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 29.34), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 29.34), listed as a 36-inch CMP]. FS Date: 6/24/2021 4:24:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_70034\_103933.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>29.44</b>	Rating **	M	Issue No.	<b>1266 (cont)</b>
LM End	<b>29.44</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.030369 °	37.030369 °	
			-120.455969 °	-120.455969 °	
DWR ID	19881				

Photo 2 of 3 : UCIP\_FA\_2021\_70034\_103939.jpg



LS view: Concrete headwall and slope from toe. Unidentified pipes near entrance of outlet pipe.

LM Start	<b>29.44</b>	Rating **	M	Issue No.	<b>1266 (cont)</b>
LM End	<b>29.44</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_70034\_103934.jpg



WS view: Toe from levee crown.

LM Start	29.51	Rating **	M	Issue No.	73
LM End	29.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030437 °	37.030437 °
				-120.454568 °	-120.454568 °
DWR ID	DWR_NA0010_06_f_2020_73				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	30.36	Rating **	M	Issue No.	1267
LM End	30.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.027330 °	37.027330 °
				-120.441498 °	-120.441498 °
DWR ID	19882				

**Comment Code**

**Inspector Comment**

DS\_ID:19882  
FS\_ID:69831  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Modification or Non-Compliant Permit  
Crossing Status: Found  
UCIP Comments: 06/24/2021 The record remains Non-Urgent. Altered crossing -- Two 12" plastic pipes going through LS outlet, recommend removing before flood season. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn.  
(P.Espinoza – GEI) 04/10/2014 Altered crossing--steel pipe section on landward side and concrete pipe section on waterward side. Joints on waterward side separated. Need to contact owner to determine status. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [Rodunder Siphon Structure] 48-inch reinforced concrete irrigation siphon pipe through the levee, 14.5 feet below the crown. Concrete U-shaped headwall on the outlet structure on the landside (LS) end. Slide gate mounted on the headwall.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 30.26), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 30.27), listed as a 48-inch CMP].  
FS Date: 6/24/2021 10:15:00 AM

LM Start	<b>30.36</b>	Rating **	M	Issue No.	<b>1267 (cont)</b>
LM End	<b>30.36</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69831\_103940.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69831\_103941.jpg



LS view: Concrete headwall, slidegate, and slope at toe.

<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**

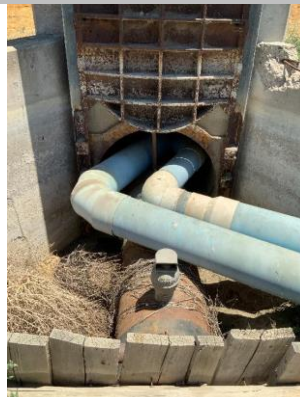
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>30.36</b>	Rating **	M	Issue No.	<b>1267 (cont)</b>
LM End	<b>30.36</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.027330 °	37.027330 °	
			-120.441498 °	-120.441498 °	
DWR ID	19882				

Photo 3 of 3 : UCIP\_FA\_2021\_69831\_103942.jpg



LS view: Closeup of slide gate and unauthorized 12" pipes going through outlet pipe at toe, 1 of 2 photos.

LM Start	30.81	Rating **	M	Issue No.	1207
LM End	31.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.021615 °	37.018428 °
				-120.437587 °	-120.435378 °
DWR ID	DWR_NA0010_06_s_2015_1207				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion greater than 1" in depth and greater than 3" in length. Erosion is caused by livestock traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_1207\_20210830\_00038.jpg



Looking upstream at livestock damage to the landside slope. (Fall 2020)

LM Start	31.10	Rating **	U	Issue No.	80
LM End	31.10	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.017907 °	37.017907 °
				-120.434970 °	-120.434970 °
DWR ID	DWR_NA0010_06_s_2017_80				
Comment Code					
RA : Ramp					
Inspector Comment					
Farmer installed ramp on waterside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_80\_20210830\_00016.jpg



Looking upstream at ramp on the waterside slope. (Fall 2020)

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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	

## Lower San Joaquin Levee District



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	32.00	Rating **	U	Issue No.	81
LM End	32.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.007007 °	37.007007 °
				-120.426179 °	-120.426179 °
DWR ID	DWR_NA0010_06_f _ 2017_81				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_81\_20210830\_00017.jpg



Looking west at the landside slope.

LM Start	32.50	Rating **	M	Issue No.	129
LM End	32.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.001898 °	36.997745 °
				-120.419861 °	-120.415197 °
DWR ID	DWR_NA0010_06_s_2019_129				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage from livestock. Damage is beginning to erode into levee crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_129\_20210830\_00037.jpg



Erosion from animal activity along the landside slope. (Spring 2019)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>33.08</b>	Rating **	M	Issue No.	<b>1268</b>
LM End	<b>33.08</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.995672 °	36.995672 °	
			-120.412919 °	-120.412919 °	
DWR ID	19883				

**Comment Code**

**Inspector Comment**

DS\_ID:19883  
FS\_ID:69833  
EP\_NO: 6416-C  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS due to barbed wire and accessibility issues. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

04/10/2014 Crossing updated--need to contact owner to determine permit issued by CVFPB for authorized changes. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 20-inch coated steel drainage discharge pipe through the levee, 3.9 feet below the crown. Electrical conduit through the levee. Cutoff wall around pipe at centerline of levee. Capped with a welded plate on the landside (LS) end. Siphon breaker on the apex of the pipe on the LS shoulder. Slant pump on the waterside (WS) slope. (To revise plans for a slant pump and an 18-inch steel pipe through the levee authorized under Permit No. 6416-A, 1975 - Triangle T. Ranch, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 32.97), listed as a 18-inch steel pipe].

FS Date: 6/24/2021 12:23:00 PM

LM Start	<b>33.08</b>	Rating **	M	Issue No.	<b>1268 (cont)</b>
LM End	<b>33.08</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69833\_103947.jpg



LS view: Siphon breaker located on slope. Additional structures visible off the toe.

Photo 2 of 3 : UCIP\_FA\_2021\_69833\_103948.jpg



LS view: Closeup of siphon breaker on the apex of the pipe on shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	33.08	Rating **	M	Issue No.	1268 (cont)
LM End	33.08	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.995672 °	36.995672 °
				-120.412919 °	-120.412919 °
DWR ID	19883				

Photo 3 of 3 : UCIP\_FA\_2021\_69833\_103949.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	35.42	Rating **	M	Issue No.	1269
LM End	35.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.974509 °	36.974509 °
				-120.382056 °	-120.382056 °
DWR ID	19813				

**Comment Code**

**Inspector Comment**

DS\_ID:19813  
FS\_ID:69835  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/24/2021 The record remains Non-Urgent. No permit was found authorizing this encroachment. Crossing appears in good condition. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/10/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. High vegetation along crossing alignment--recommend removing vegetation along pipe crossing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [Fresno River Irrigation Structure] 48-inch by 72-inch reinforced concrete box gravity irrigation culvert through the levee, 15.1 feet below the crown. Slide gate in a concrete riser in the waterside (WS) slope. Concrete U-shaped headwall on each end. Landside (LS) channel cobble revetted for 8 feet. [Additional Reference(s): DWR Levee Log, 2002 (HLM 35.33), listed as a 48-inch by 72-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 35.33), listed as a 6-foot by 4-foot RCBC, known as the Fresno River Irrigation Structure].  
FS Date: 6/24/2021 12:47:00 PM

LM Start	<b>35.42</b>	Rating **	M	Issue No.	<b>1269 (cont)</b>
LM End	<b>35.42</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69835\_103953.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69835\_103954.jpg



LS view of slope to toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	<b>35.42</b>	Rating **	M	Issue No.	<b>1269 (cont)</b>
LM End	<b>35.42</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.974509 °	36.974509 °	
			-120.382056 °	-120.382056 °	
DWR ID	19813				

Photo 3 of 3 : UCIP\_FA\_2021\_69835\_103958.jpg



LS view: concrete headwall and inlet.

LM Start	35.77	Rating **	M	Issue No.	96
LM End	36.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974390 °	36.974349 °
				-120.375875 °	-120.363680 °
DWR ID	DWR_NA0010_06_f_2021_96				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_96\_20211005\_00225.jpg



View of vegetation along the waterside slope. (Fall 2021)

LM Start	35.78	Rating **	M	Issue No.	88
LM End	36.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974393 °	36.974352 °
				-120.375605 °	-120.363677 °
DWR ID	DWR_NA0010_06_f_2021_88				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_88\_20211005\_00226.jpg



Looking downstream along the landside slope. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	09/22/2021 09/24/2021	Corey Fujitani

LM Start	35.97	Rating **	M	Issue No.	106
LM End	36.39	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974404 °	36.974431 °
				-120.372291 °	-120.364600 °
DWR ID	DWR_NA0010_06_f _ 2021_106				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_124\_106\_20211005\_00227.jpg



Looking downstream along the levee crown. (Fall 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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 07 Bear Creek Bypass			Right	3.62
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/5/2021 - 5/5/2021		9/15/2021 - 9/15/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.07	Rating **	M	Issue No.	30	
LM End	0.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.255897 °	37.255897 °	
				-120.771127 °	-120.771127 °	
DWR ID	19892					
Comment Code						
Inspector Comment						
DS_ID:19892 FS_ID:67293 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 07/20/2016 Inlet blocked off by wooden board. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along WS and LS. Crossing downgraded from Urgent to Non-Urgent. (O. Magana - DWR UCIP)04/15/2014 Flapgate partially blocked by soil buildup at WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.08), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.07), listed as a 24-inch CMP]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67293\_99437.jpg



Levee crown looking downstream.

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_67293\_99440.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.07</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.255897 °	37.255897 °	
			-120.771127 °	-120.771127 °	
DWR ID	19892				

Photo 3 of 3 : UCIP\_FA\_2021\_67293\_99441.jpg



LS view: Slope and headwall at toe.

LM Start	0.10	Rating **	M	Issue No.	17
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256017 °	37.256017 °
				-120.770636 °	-120.770636 °
DWR ID	DWR_NA0010_07_f_2021_17				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_17\_20211005\_00043.jpg



View of rodent holes in the landside slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.33	Rating **	M	Issue No.	31
LM End	0.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257691 °	37.257691 °
				-120.767203 °	-120.767203 °
DWR ID	19893				

**Comment Code**

**Inspector Comment**

DS\_ID:19893  
FS\_ID:67294  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.34), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.33), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67294\_99444.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67294\_99447.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.33</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.33</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.257691 °	37.257691 °	
			-120.767203 °	-120.767203 °	
DWR ID	19893				

Photo 3 of 3 : UCIP\_FA\_2021\_67294\_99448.jpg



LS view: Slope and headwall at toe.

LM Start	0.40	Rating **	M	Issue No.	29
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257786 °	37.258722 °
				-120.765855 °	-120.764867 °
DWR ID	DWR_NA0010_07_s_2012_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes were noted on the landside and waterside slope and shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_29\_20211005\_00044.jpg



Looking at representative rodent hole in the landside slope. (Fall 2021)

LM Start	0.44	Rating **	M	Issue No.	22
LM End	0.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257894 °	37.257894 °
				-120.765231 °	-120.765231 °
DWR ID	DWR_NA0010_07_s_2021_22				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_22\_20210830\_00008.jpg



View of rodent burrows in the waterside slope and shoulder. (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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.49	Rating **	M	Issue No.	32
LM End	0.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258543 °	37.258543 °
				-120.764728 °	-120.764728 °
DWR ID	19894				
Comment Code					
Inspector Comment					
DS_ID:19894 FS_ID:67295 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. No cover over the WS metal riser. There is debris and wood pallets within the riser that may prevent the ability for the slidegate to be opened or water to flow through, recommend cleaning out. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/15/2014 Slide gate not operable, but left in closed position. Need to reinstall covers over slide gate standpipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the landside (LS) slope. Concrete U-shaped headwall on the LS end. Inlet channel cobble revetted. Dilapidated wooden pier on the waterside (WS). WS slope and outlet ditch cobble revetted. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.49), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.49), listed as a 36-inch CMP]. FS Date: 6/2/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_67295\_99452.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.258543 °	37.258543 °	
			-120.764728 °	-120.764728 °	
DWR ID	19894				

Photo 2 of 3 : UCIP\_FA\_2021\_67295\_99449.jpg



LS view: Toe from crown.

LM Start	<b>0.49</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67295\_99450.jpg



LS view: Slope and headwall at toe.

LM Start	0.53	Rating **	A/W	Issue No.	18
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259097 °	37.259097 °
				-120.764846 °	-120.764846 °
DWR ID	DWR_NA0010_07_f_2018_18				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_18\_20210830\_00005.jpg



View of damage from livestock looking upstream. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.53	Rating **	M	Issue No.	33
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259163 °	37.259163 °
				-120.764860 °	-120.764860 °
DWR ID	19895				

**Comment Code**

**Inspector Comment**

DS\_ID:19895  
FS\_ID:67932  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Modification or Non-Compliant Permit  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. There are plywood barriers on both WS and LS pipe ends, but no flapgate on either, and flapgate removed on WS. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall with a wooden weir at the inlet on the landside (LS) toe. Concrete U-shaped headwall on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.53), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>0.53</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67932\_99460.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67932\_99464.jpg



LS view: Headwall visible at toe from crown.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.53</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.259163 °	37.259163 °	
			-120.764860 °	-120.764860 °	
DWR ID	19895				

Photo 3 of 3 : UCIP\_FA\_2021\_67932\_99459.jpg



LS view: Slope and headwall at toe.

LM Start	0.56	Rating **	M	Issue No.	23
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259579 °	37.259579 °
				-120.764687 °	-120.764687 °
DWR ID	DWR_NA0010_07_f_2021_23				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_23\_20211005\_00045.jpg



Looking at rodent burrows along the waterside slope. (Fall 2021)

LM Start	0.70	Rating **	M	Issue No.	19
LM End	0.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261337 °	37.261337 °
				-120.763303 °	-120.763303 °
DWR ID	DWR_NA0010_07_f_2018_19				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_19\_20210830\_00006.jpg



Damage to landside slope from livestock. (Fall 2018)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.262981 °	37.262981 °	
			-120.761703 °	-120.761703 °	
DWR ID	19896				

**Comment Code**

**Inspector Comment**

DS\_ID:19896  
FS\_ID:67933  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Limited inspection due to water flowing through the pipe during inspection. At the time of inspection, the wooden flashboards were not in place on the LS end. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/15/2014 Need to contact owner. Heavy sediment buildup at inlet due to animal activity should be cleared. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Wooden weir on concrete headwall at the landside (LS) toe. 36-inch concrete riser at the LS toe. Concrete U-shaped headwall on the WS end. Concrete standpipe on the LS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.86), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.85), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67933\_99467.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67933\_99471.jpg



LS view: Riser visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>0.85</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.262981 °	37.262981 °	
			-120.761703 °	-120.761703 °	
DWR ID	19896				

Photo 3 of 3 : UCIP\_FA\_2021\_67933\_99465.jpg



LS view: Slope and riser visible at toe.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>0.94</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.263950 °	37.263950 °	
			-120.760572 °	-120.760572 °	
DWR ID	19897				

**Comment Code**

**Inspector Comment**

DS\_ID:19897  
FS\_ID:67298  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.94), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.94), listed as a 24-inch CMP].  
FS Date: 6/2/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67298\_99474.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.263950 °	37.263950 °	
			-120.760572 °	-120.760572 °	
DWR ID	19897				

Photo 2 of 3 : UCIP\_FA\_2021\_67298\_99478.jpg



LS view: Toe from crown.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67298\_99472.jpg



LS view: Slope and headwall at toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.17	Rating **	M	Issue No.	36
LM End	1.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.264421 °	37.264421 °
				-120.756683 °	-120.756683 °
DWR ID	19898				

**Comment Code**

**Inspector Comment**

DS\_ID:19898  
FS\_ID:67299  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 1.17), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.17), listed as a 48-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.17</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67299\_99481.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67299\_99482.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>1.17</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.264421 °	37.264421 °	
			-120.756683 °	-120.756683 °	
DWR ID	19898				

Photo 3 of 3 : UCIP\_FA\_2021\_67299\_99483.jpg



LS view: Slope and headwall at toe.

LM Start	1.22	Rating **	M	Issue No.	1
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.264387 °	37.264387 °
				-120.755805 °	-120.755805 °
DWR ID	DWR_NA0010_07_f_2012_1				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Animal burrows observed in the landside slope and berm.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_1\_20210830\_00001.jpg



Looking north at several rodent holes on landward slope.

LM Start	1.49	Rating **	A/W	Issue No.	16
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263999 °	37.263999 °
				-120.750854 °	-120.750854 °
DWR ID	DWR_NA0010_07_f_2017_16				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Monitor the slope damaged by animal traffic.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_16\_20210830\_00004.jpg



Cattle trail on the landside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.50	Rating **	M	Issue No.	6
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263955 °	37.263885 °
				-120.750751 °	-120.750527 °
DWR ID	DWR_NA0010_07_s_2014_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

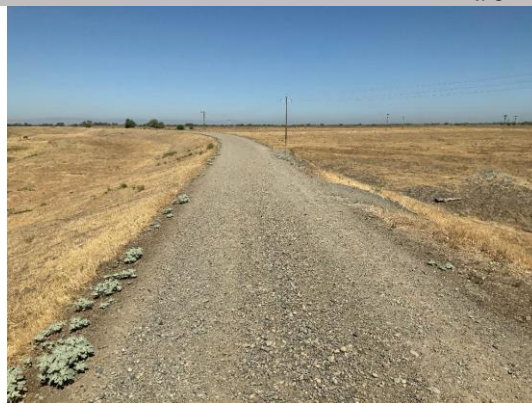
Photo 1 of 1 : FA\_2021\_NA0010\_125\_6\_20210830\_00002.jpg



Looking at typical view of rodent holes within this section. (Spring 2018)

LM Start	1.50	Rating **	M	Issue No.	37	
LM End	1.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.263917 °	37.263917 °	
				-120.750694 °	-120.750694 °	
DWR ID	19902					
Comment Code						
Inspector Comment						
DS_ID:19902 FS_ID:67300 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.51), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.51), listed as a 24-inch CMP]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67300\_99488.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.263917 °	37.263917 °	
			-120.750694 °	-120.750694 °	
DWR ID	19902				

Photo 2 of 3 : UCIP\_FA\_2021\_67300\_99492.jpg



LS view: Toe from crown.

LM Start	<b>1.50</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>1.50</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67300\_99486.jpg



LS view: Slope and headwall at toe.

LM Start	1.71	Rating **	M	Issue No.	5
LM End	1.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.262570 °	37.262467 °
				-120.747453 °	-120.747180 °
DWR ID	DWR_NA0010_07_s_2013_5				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait station has been placed at location.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.90	Rating **	M	Issue No.	21
LM End	1.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261379 °	37.261379 °
				-120.744228 °	-120.744228 °
DWR ID	DWR_NA0010_07_f_2018_21				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_21\_20210830\_00007.jpg



View of damage to the landside slope. (Fall 2020)

LM Start	2.09	Rating **	M	Issue No.	12
LM End	2.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259187 °	37.259187 °
				-120.742551 °	-120.742551 °
DWR ID	DWR_NA0010_07_f _ 2018_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent activity is noted next to the fence post.					

Photo 1 of 1 : FA\_2021\_NA0010\_125\_12\_20210830\_00003.jpg



View of rodent hole at the fence post on the landside shoulder. (Fall 2020)

LM Start	2.37	Rating **	M	Issue No.	20
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257028 °	37.257028 °
				-120.738484 °	-120.738484 °
DWR ID	DWR_NA0010_07_f_2020_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.48</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>2.48</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.255803 °	37.255803 °	
			-120.737246 °	-120.737246 °	
DWR ID	19899				

**Comment Code**

**Inspector Comment**

DS\_ID:19899  
FS\_ID:67301  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe end surrounded by barbed wire, could not inspect closely. Metal pipe and plastic riser with flowmeter off the LS toe. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.49), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.48), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>2.48</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.48</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67301\_99497.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67301\_99498.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.48</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.48</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.255803 °	37.255803 °	
			-120.737246 °	-120.737246 °	
DWR ID	19899				

Photo 3 of 3 : UCIP\_FA\_2021\_67301\_99499.jpg



LS view: Slope and headwall at toe.

LM Start	<b>2.63</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>2.63</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.254832 °	37.254832 °	
			-120.734918 °	-120.734918 °	
DWR ID	19900				

**Comment Code**

**Inspector Comment**

DS\_ID:19900  
 FS\_ID:67302  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe end surrounded by barbed wire, inspection was limited. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.64), listed as a 24-inch CMP].  
 FS Date: 6/2/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67302\_99504.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	2.63	Rating **	M	Issue No.	39 (cont)
LM End	2.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.254832 °	37.254832 °
				-120.734918 °	-120.734918 °
DWR ID	19900				

Photo 2 of 3 : UCIP\_FA\_2021\_67302\_99501.jpg



LS view: Toe from crown.

LM Start	<b>2.63</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>2.63</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67302\_99502.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	3.09	Rating **	M	Issue No.	40
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °
				-120.728264 °	-120.728264 °
DWR ID	19901				

**Comment Code**

**Inspector Comment**

DS\_ID:19901  
FS\_ID:67934  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Damage  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. Some sediment buildup in the inlet of the pipe on the LS, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/15/2014 Some sediment buildup at landward toe and inside pipe--recommend clearing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.09), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.09), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>3.09</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>3.09</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67934\_99510.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67934\_99512.jpg



LS view: Toe from crown.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	09/15/2021 09/15/2021	Corey Fujitani

LM Start	3.09	Rating **	M	Issue No.	40 (cont)
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °
				-120.728264 °	-120.728264 °
DWR ID	19901				

Photo 3 of 3 : UCIP\_FA\_2021\_67934\_99513.jpg



LS view: Slope and headwall at toe.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 08 Bear Creek Bypass			Left	3.63
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/5/2021 - 5/5/2021		9/15/2021 - 9/15/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	30
LM End	0.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °
				-120.767873 °	-120.767873 °
DWR ID	19903				
Comment Code					
Inspector Comment					
DS_ID:19903 FS_ID:67309 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.23), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.23), listed as a 24-inch CMP]. FS Date: 6/2/2021					

LM Start	<b>0.23</b>	Rating **	M	Issue No.	<b>30 (cont)</b>
LM End	<b>0.23</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67309\_99546.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67309\_99547.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	30 (cont)
LM End	0.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °
				-120.767873 °	-120.767873 °
DWR ID	19903				

Photo 3 of 3 : UCIP\_FA\_2021\_67309\_99548.jpg



LS view: Close up of pipe inlet at toe.

LM Start	0.43	Rating **	C	Issue No.	15
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257019 °	37.257019 °
				-120.764488 °	-120.764488 °
DWR ID	DWR_NA0010_08_s_2016_15				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.57	Rating **	C	Issue No.	29
LM End	0.82	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258587 °	37.261651 °
				-120.763583 °	-120.761572 °
DWR ID	DWR_NA0010_08_s_2021_29				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.57	Rating **	M	Issue No.	31
LM End	0.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258604 °	37.258604 °
				-120.763588 °	-120.763588 °
DWR ID	19904				

**Comment Code**

**Inspector Comment**

DS\_ID:19904  
FS\_ID:67314  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.55), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.57), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>0.57</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.57</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67314\_99553.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67314\_99554.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.57</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>0.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.258604 °	37.258604 °	
			-120.763588 °	-120.763588 °	
DWR ID	19904				

Photo 3 of 3 : UCIP\_FA\_2021\_67314\_99555.jpg



LS view: Slope and headwall at toe.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>0.72</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.260306 °	37.260306 °	
			-120.762127 °	-120.762127 °	
DWR ID	19905				

**Comment Code**

**Inspector Comment**

DS\_ID:19905  
 FS\_ID:67311  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.72), listed as a 24-inch CMP].  
 FS Date: 6/2/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67311\_99560.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260306 °	37.260306 °
				-120.762127 °	-120.762127 °
DWR ID	19905				

Photo 2 of 3 : UCIP\_FA\_2021\_67311\_99561.jpg



LS view: Toe from crown.

LM Start	<b>0.72</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.72</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67311\_99562.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.90	Rating **	M	Issue No.	33
LM End	0.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262384 °	37.262384 °
				-120.760528 °	-120.760528 °
DWR ID	19832				

**Comment Code**

**Inspector Comment**

DS\_ID:19832  
FS\_ID:67312  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014  
Some sediment buildup at inlet on LS toe. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.88), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.89), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>0.90</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67312\_99567.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67312\_99568.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>33 (cont)</b>
LM End	<b>0.90</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.262384 °	37.262384 °	
			-120.760528 °	-120.760528 °	
DWR ID	19832				

Photo 3 of 3 : UCIP\_FA\_2021\_67312\_99569.jpg



LS view: Slope and headwall at toe.

LM Start	1.21	Rating **	M	Issue No.	28
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263179 °	37.263179 °
				-120.755444 °	-120.755444 °
DWR ID	DWR_NA0010_08_f_2019_28				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_126\_28\_20210830\_00006.jpg

View of slope damage on the landside of the levee looking upstream.  
(Fall 2019)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	34	
LM End	1.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °	
				-120.755399 °	-120.755399 °	
DWR ID	19833					
Comment Code						
Inspector Comment						
DS_ID:19833 FS_ID:67313 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. Some vegetation in LS pipe inlet, recommend clearing out. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Debris blocking landward headwall--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.20), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.21), listed as a 24-inch CMP]. FS Date: 6/2/2021						

LM Start	1.21	Rating **	M	Issue No.	34 (cont)
LM End	1.21	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67313\_99573.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67313\_99574.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>1.21</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>1.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °
				-120.755399 °	-120.755399 °
DWR ID	19833				

Photo 3 of 3 : UCIP\_FA\_2021\_67313\_99575.jpg



LS view: Slope and headwall at toe.

LM Start	1.32	Rating **	A/W	Issue No.	21
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263143 °	37.263143 °
				-120.753366 °	-120.753366 °
DWR ID	DWR_NA0010_08_f_2018_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.38	Rating **	A/W	Issue No.	8
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263175 °	37.263175 °
				-120.752307 °	-120.752307 °
DWR ID	DWR_NA0010_08_s_2013_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.38	Rating **	M	Issue No.	35
LM End	1.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263194 °	37.263194 °
				-120.752299 °	-120.752299 °
DWR ID	19834				

**Comment Code**

**Inspector Comment**

DS\_ID:19834  
FS\_ID:67315  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. Vegetation sticking out of WS flapgate, recommend removal. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Animal burrows along pipe alignment on LS. Some sediment buildup at LS toe and inside pipe--recommend clearing. (W. Wylie -DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.37), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.38), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>1.38</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>1.38</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67315\_99581.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67315\_99582.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>1.38</b>	Rating **	M	Issue No.	<b>35 (cont)</b>
LM End	<b>1.38</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.263194 °	37.263194 °	
			-120.752299 °	-120.752299 °	
DWR ID	19834				

Photo 3 of 3 : UCIP\_FA\_2021\_67315\_99583.jpg



LS view: Slope and headwall at toe.

LM Start	1.61	Rating **	C	Issue No.	1
LM End	1.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261842 °	37.261842 °
				-120.748510 °	-120.748510 °
DWR ID	DWR_NA0010_08_s_2012_1				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.76	Rating **	M	Issue No.	23
LM End	1.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.260888 °	37.260888 °
				-120.746053 °	-120.746053 °
DWR ID	DWR_NA0010_08_f_2021_23				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Bush growing in levee crown needs to be removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_126\_23\_20211005\_00043.jpg



View of bush growing in the levee crown. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	1.81	Rating **	M	Issue No.	26
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.260673 °	37.260673 °
				-120.745290 °	-120.745290 °
DWR ID	DWR_NA0010_08_f_2019_26				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	2.05	Rating **	M	Issue No.	36	
LM End	2.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °	
				-120.742868 °	-120.742868 °	
DWR ID	19835					
Comment Code						
Inspector Comment						
DS_ID:19835 FS_ID:67316 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe end not visible at all, appears to be buried or removed. Need to contact owner to determine status of pipe. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Non-functional landward inlet is buried in sediment. Need to contact owner to determine status. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.04), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.05), listed as a 24-inch CMP]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67316\_99586.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °
				-120.742868 °	-120.742868 °
DWR ID	19835				

Photo 2 of 3 : UCIP\_FA\_2021\_67316\_99587.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>36 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67316\_99588.jpg



LS view: Slope from toe, no pipe visible.

LM Start	2.07	Rating **	M	Issue No.	25
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258059 °	37.258059 °
				-120.742451 °	-120.742451 °
DWR ID	DWR_NA0010_08_f_2019_25				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	2.07	Rating **	A/W	Issue No.	22
LM End	2.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258076 °	37.258076 °
				-120.742439 °	-120.742439 °
DWR ID	DWR_NA0010_08_f_2018_22				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion from livestock has been repaired. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_126\_22\_20211005\_00045.jpg



Repaired slope damage should be monitored for settlement. (Fall 2021)

LM Start	2.12	Rating **	M	Issue No.	37	
LM End	2.12	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.257800 °	37.257800 °	
				-120.741604 °	-120.741604 °	
DWR ID	19836					
Comment Code						
Inspector Comment						
DS_ID:19836 FS_ID:67935 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/2/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. New 6 inch plastic riser with flowmeter and 24 inch metal pipe underground off the LS toe, directly opposite of the LS pipe inlet of this DSID. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 Sediment buildup in pipe visible from landward side. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.12), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.12), listed as a 24-inch CMP]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_67935\_99597.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>2.12</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.257800 °	37.257800 °	
			-120.741604 °	-120.741604 °	
DWR ID	19836				

Photo 2 of 3 : UCIP\_FA\_2021\_67935\_99599.jpg



LS view: Toe from crown.

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>37 (cont)</b>
LM End	<b>2.12</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67935\_99600.jpg



LS view: Slope and headwall at toe.

LM Start	2.13	Rating **	M	Issue No.	24
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257758 °	37.257758 °
				-120.741483 °	-120.741483 °
DWR ID	DWR_NA0010_08_f_2020_24				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	2.29	Rating **	M	Issue No.	18
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256251 °	37.254767 °
				-120.739280 °	-120.737772 °
DWR ID	DWR_NA0010_08_s_2021_18				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_126\_18\_20210830\_00002.jpg



View of rodent holes in the landside slope. (Spring 2021)

LM Start	2.74	Rating **	A/W	Issue No.	20
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252503 °	37.252503 °
				-120.733282 °	-120.733282 °
DWR ID	DWR_NA0010_08_f _ 2018_20				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion from livestock has been repaired. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_126\_20\_20210830\_00004.jpg



View of repaired slope damage. (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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.77</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252228 °	37.252228 °	
			-120.732890 °	-120.732890 °	
DWR ID	19837				

**Comment Code**

**Inspector Comment**

DS\_ID:19837  
FS\_ID:67318  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.77), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.77), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>2.77</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67318\_99604.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67318\_99605.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>2.77</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>2.77</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252228 °	37.252228 °	
			-120.732890 °	-120.732890 °	
DWR ID	19837				

Photo 3 of 3 : UCIP\_FA\_2021\_67318\_99606.jpg



LS view: Slope and headwall at toe.

LM Start	<b>3.06</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>3.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.250864 °	37.250864 °	
			-120.728151 °	-120.728151 °	
DWR ID	19838				

**Comment Code**

**Inspector Comment**

DS\_ID:19838  
FS\_ID:67320  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe inlet has some sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 7/20/2016 LS inlet buried under dense vegetation. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (O. Magana - DWR UCIP)4/16/2014 Pipe blocked by silt on LS toe. Flapgate rusty and does not operate correctly. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.06), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.06), listed as a 36-inch CMP].  
FS Date: 6/2/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67320\_99614.jpg



Levee crown looking downstream.

**\* Location**

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

**\*\* Rating**

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

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	3.06	Rating **	M	Issue No.	39 (cont)	
LM End	3.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.250864 °	37.250864 °	
				-120.728151 °	-120.728151 °	
DWR ID	19838					

Photo 2 of 3 : UCIP\_FA\_2021\_67320\_99615.jpg



LS view: Toe from crown.

LM Start	<b>3.06</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>3.06</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67320\_99609.jpg



LS view: Slope and headwall at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>3.24</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.252230 °	37.252230 °	
			-120.725504 °	-120.725504 °	
DWR ID	19839				

**Comment Code**

**Inspector Comment**

DS\_ID:19839  
FS\_ID:67321  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/2/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.23), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.24), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>3.24</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>3.24</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67321\_99618.jpg



Levee crown looking downstream

Photo 2 of 3 : UCIP\_FA\_2021\_67321\_99619.jpg



LS view: Toe from crown.

<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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## Lower San Joaquin Levee District



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	3.43	Rating **	M	Issue No.	41
LM End	3.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °
				-120.722182 °	-120.722182 °
DWR ID	19840				

**Comment Code**

**Inspector Comment**

DS\_ID:19840  
FS\_ID:67322  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/2/2021 Record remains Non-Urgent. LS pipe inlet blocked by barbed wire and both ends blocked by water, so limited inspection was done. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/16/2014 No access available on landward side. Need to confirm status of crossing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.43), listed as a 24-inch CMP].  
FS Date: 6/2/2021

LM Start	<b>3.43</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>3.43</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67322\_99624.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67322\_99625.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>3.43</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>3.43</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °
				-120.722182 °	-120.722182 °
DWR ID	19840				

Photo 3 of 3 : UCIP\_FA\_2021\_67322\_99626.jpg



LS view: Slope from toe.

LM Start	3.49	Rating **	C	Issue No.	19
LM End	3.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.253403 °	37.253403 °
				-120.721095 °	-120.721095 °
DWR ID	DWR_NA0010_08_f_2018_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
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	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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 09 Owens Creek Bypass			Right	0.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	5/5/2021 - 5/5/2021		9/15/2021 - 9/15/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.25	Rating **	M	Issue No.	5
LM End	0.39	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.220037 °	37.219916 °
				-120.709133 °	-120.706638 °
DWR ID	DWR_NA0010_09_f _ 2021_5				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_127\_5\_20211005\_00012.jpg



View of vegetation growing along the levee crown. (Fall 2021)

LM Start	0.47	Rating **	M	Issue No.	7	
LM End	0.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.220416 °	37.220416 °	
				-120.705248 °	-120.705248 °	
DWR ID	19841					
Comment Code						
Inspector Comment						
DS_ID:19841 FS_ID:69554 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. Limited inspection of landside (LS) and WS due to water and mud. LS CMP riser has missing lid. WS outlet pipe edges are warped. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/22/2014 Concrete headwalls on landward and waterward under water. Need photo to confirm condition of concrete headwalls, pipe, and gate on both toes. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 18.7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.48), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.47), listed as a 24-inch CMP]. FS Date: 6/9/2021 2:41:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_69554\_103170.jpg



Overview of levee from crown facing upstream. CMP riser visible on WS slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.47</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.220416 °	37.220416 °	
			-120.705248 °	-120.705248 °	
DWR ID	19841				

Photo 2 of 3 : UCIP\_FA\_2021\_69554\_103177.jpg



LS view: Toe from crown.

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>7 (cont)</b>
LM End	<b>0.47</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69554\_103178.jpg



LS view: Concrete headwall and inlet pipe visible at toe.

LM Start	0.48	Rating **	M	Issue No.	6
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.220489 °	37.220489 °
				-120.705021 °	-120.705021 °
DWR ID	DWR_NA0010_09_s_2021_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_127\_6\_20210830\_00002.jpg



View of rodent burrows in the waterside 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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.69	Rating **	M	Issue No.	8
LM End	0.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219874 °	37.219874 °
				-120.701438 °	-120.701438 °
DWR ID	19842				

**Comment Code**

**Inspector Comment**

DS\_ID:19842  
FS\_ID:68984  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/22/2014  
Animal burrows in area on LS slope. Minor sediment buildup in pipe visible on landward side--recommend clearing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.70), listed as a 24-inch CMP].  
FS Date: 6/9/2021

LM Start	<b>0.69</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>0.69</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68984\_103232.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68984\_103233.jpg



LS view: Slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	<b>0.69</b>	Rating **	M	Issue No.	<b>8 (cont)</b>
LM End	<b>0.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.219874 °	37.219874 °	
			-120.701438 °	-120.701438 °	
DWR ID	19842				

Photo 3 of 3 : UCIP\_FA\_2021\_68984\_103235.jpg



LS view: Concrete headwall and inlet pipe at toe.

LM Start	0.86	Rating **	A/W	Issue No.	4
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.220041 °	37.220041 °
				-120.698425 °	-120.698425 °
DWR ID	DWR_NA0010_09_f_2017_4				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed over the animal erosion site. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_127\_4\_20210830\_00001.jpg



View of slope erosion due to foot traffic. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.87	Rating **	M	Issue No.	9
LM End	0.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °
				-120.698374 °	-120.698374 °
DWR ID	19843				

**Comment Code**

**Inspector Comment**

DS\_ID:19843  
FS\_ID:68989  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. No cover or handle on CMP riser on WS slope. Water in riser shows evidence that flapgate is open. Outlet pipe on WS toe not found. Dense vegetation and sediment limits inspectors ability to identify signs of inlet pipe condition on LS toe recommend removal of vegetation and sediment. LS inlet pipe appears to have slight warping around edges. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  
FIELD\_STRUCT\_DESC: [Crane Irrigation Structure] 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Two slide gates in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the landside (LS) end. WS end cobble revetted on the bank and in the outlet drain. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.87), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.87), listed as a 24-inch CMP].  
FS Date: 6/9/2021 4:30:00 PM

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>9 (cont)</b>
LM End	<b>0.87</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68989\_103181.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68989\_103183.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.87	Rating **	M	Issue No.	9 (cont)	
LM End	0.87	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °	
				-120.698374 °	-120.698374 °	
DWR ID	19843					

Photo 3 of 3 : UCIP\_FA\_2021\_68989\_103188.jpg



LS view: Headwall and inlet visible at toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 10 Owens Creek Bypass			Left	0.80
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/5/2021 - 5/5/2021		9/15/2021 - 9/15/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	4	
LM End	0.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °	
				-120.706652 °	-120.706652 °	
DWR ID	19845					
Comment Code						
Inspector Comment						
DS_ID:19845 FS_ID:69817 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. No cover on CMP riser on WS slope, creating a safety hazard. Limited inspection of inlet pipe on LS and outlet pipe on WS due to elevated water levels around the headwalls and inlet/outlets, limiting the ability to inspect pipes at a close proximity. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 04/22/2014 Inlet blocked at LS toe by wooden gate. Need to contact owner to determine status. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 19.6 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.31), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.31), listed as a 24-inch CMP]. FS Date: 6/9/2021 11:34:00 AM						

LM Start	<b>0.30</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>0.30</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69817\_103399.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69817\_103400.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	09/15/2021 09/15/2021	Corey Fujitani

LM Start	0.30	Rating **	M	Issue No.	4 (cont)	
LM End	0.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °	
				-120.706652 °	-120.706652 °	
DWR ID	19845					

Photo 3 of 3 : UCIP\_FA\_2021\_69817\_103403.jpg



WS view: Concrete headwall and inlet pipe at toe.

LM Start	0.45	Rating **	A	Issue No.	3
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219664 °	37.219664 °
				-120.703911 °	-120.703911 °
DWR ID	DWR_NA0010_10_f_2021_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained.					

Photo 1 of 1 : FA\_2021\_NA0010\_128\_3\_20211005\_00004.jpg



Looking downstream along the landside slope. (Fall 2021)

LM Start	0.51	Rating **	M	Issue No.	2
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.219268 °	37.219268 °
				-120.703046 °	-120.703046 °
DWR ID	DWR_NA0010_10_f_2021_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_128\_2\_20211006\_00005.jpg



View squirrel holes on the landside slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 11 Mariposa Bypass			Right	3.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/4/2021 - 5/4/2021		9/14/2021 - 9/14/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.16	Rating **	M	Issue No.	10
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202730 °	37.202730 °
				-120.752270 °	-120.752270 °
DWR ID	DWR_NA0010_11_f_2018_10				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to the landside slope and shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_129\_10\_20211006\_00035.jpg



View of livestock damage to the landside slope. (Fall 2021)

LM Start	0.21	Rating **	A/W	Issue No.	11
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_f _ 2018_11				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed on the levee damage. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_129\_11\_20210830\_00003.jpg



View of slope damage on landside. (Fall 2018)

LM Start	0.21	Rating **	A/W	Issue No.	13
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_s_2020_13				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed on the levee damage. Monitor for settlement.					

Photo 1 of 1 : FA\_2021\_NA0010\_129\_13\_20210830\_00006.jpg



View of damage on waterside shoulder and slope. (Fall 2018)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	18	
LM End	0.42	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.202754 °		37.202754 °
				-120.747689 °		-120.747689 °
DWR ID	19846					
Comment Code						
Inspector Comment						
DS_ID:19846 FS_ID:67619 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. WS pipe end either completely buried under dirt or has been removed. Only riser visible on WS slope, pipe end not visible at all. Recommend contacting owner to determine status of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI) 04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.43), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.42), listed as a 24-inch CMP]. FS Date: 6/8/2021						

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.42</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67619\_100411.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67619\_100408.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.42</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202754 °	37.202754 °	
			-120.747689 °	-120.747689 °	
DWR ID	19846				

Photo 3 of 3 : UCIP\_FA\_2021\_67619\_100409.jpg



LS view: Slope and headwall at toe.

LM Start	<b>0.65</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202751 °	37.202751 °	
			-120.743474 °	-120.743474 °	
DWR ID	19847				

**Comment Code**

**Inspector Comment**

DS\_ID:19847  
 FS\_ID:67927  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/201  
 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.65), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.65), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67927\_100419.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.65</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202751 °	37.202751 °	
			-120.743474 °	-120.743474 °	
DWR ID	19847				

Photo 2 of 3 : UCIP\_FA\_2021\_67927\_100416.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>0.65</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>0.65</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67927\_100417.jpg



LS view: Slope and headwall at toe.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.84	Rating **	M	Issue No.	20
LM End	0.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202745 °	37.202745 °
				-120.739935 °	-120.739935 °
DWR ID	19848				

**Comment Code**

**Inspector Comment**

DS\_ID:19848  
FS\_ID:67621  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/201  
Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.85), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.84), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67621\_100425.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67621\_100429.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.84</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>0.84</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202745 °	37.202745 °	
			-120.739935 °	-120.739935 °	
DWR ID	19848				

Photo 3 of 3 : UCIP\_FA\_2021\_67621\_100423.jpg



LS view: Headwall and slope from toe.

LM Start	<b>1.13</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202748 °	37.202748 °	
			-120.734796 °	-120.734796 °	
DWR ID	19849				

**Comment Code**

**Inspector Comment**

DS\_ID:19849  
 FS\_ID:67622  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense tumbleweeds blocking both LS and WS ends, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.13), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.13), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67622\_100431.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.13</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202748 °	37.202748 °	
			-120.734796 °	-120.734796 °	
DWR ID	19849				

Photo 2 of 3 : UCIP\_FA\_2021\_67622\_100435.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>1.13</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>1.13</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67622\_100436.jpg



LS view: Headwall and slope at toe.

LM Start	1.49	Rating **	A/W	Issue No.	9
LM End	1.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202748 °	37.202748 °
				-120.728182 °	-120.728182 °
DWR ID	DWR_NA0010_11_f_2017_9				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_129\_9\_20210830\_00001.jpg



View of livestock trail on the landside slope. (Fall 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.49</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>1.49</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202753 °	37.202753 °	
			-120.728133 °	-120.728133 °	
DWR ID	19850				

**Comment Code**

**Inspector Comment**

DS\_ID:19850  
FS\_ID:67623  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Sediment buildup in both WS and LS pipe inlet and outlet, recommend clearing out. WS pipe edges are slightly warped. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI)  
04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 16.3 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.50), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.50), listed as a 48-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>1.49</b>	Rating **	M	Issue No.	<b>22 (cont)</b>
LM End	<b>1.49</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67623\_100441.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67623\_100438.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.49</b>	Rating **	M	Issue No.	<b>22 (cont)</b>
LM End	<b>1.49</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202753 °	37.202753 °
				-120.728133 °	-120.728133 °
DWR ID	19850				

Photo 3 of 3 : UCIP\_FA\_2021\_67623\_100439.jpg



LS view: Slope and headwall from toe.

LM Start	1.77	Rating **	M	Issue No.	1
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202743 °	37.202743 °
				-120.723187 °	-120.723187 °
DWR ID	DWR_NA0010_11_s_2012_1				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	1.98	Rating **	M	Issue No.	23
LM End	1.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202740 °	37.202740 °
				-120.719247 °	-120.719247 °
DWR ID	19851				
Comment Code					
Inspector Comment					
DS_ID:19851 FS_ID:67624 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Damage Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Vegetation on both WS and LS ends, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn - GEI) 04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.99), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.99), listed as a 24-inch CMP]. FS Date: 6/8/2021					

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67624\_100447.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67624\_100444.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.98</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>1.98</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202740 °	37.202740 °	
			-120.719247 °	-120.719247 °	
DWR ID	19851				

Photo 3 of 3 : UCIP\_FA\_2021\_67624\_100445.jpg



LS view: Headwall and slope from toe.

LM Start	2.31	Rating **	M	Issue No.	17
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202730 °	37.202730 °
				-120.713368 °	-120.713368 °
DWR ID	DWR_NA0010_11_f_2019_17				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_129\_17\_20210830\_00007.jpg



Damage to the landside slope from livestock traffic. (Fall 2019)

LM Start	2.46	Rating **	A/W	Issue No.	12
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11_f_2018_12				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage is from livestock to both landside and waterside slopes.					

Photo 1 of 2 : FA\_2021\_NA0010\_129\_12\_20210830\_00004.jpg



View of landside slope. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.46	Rating **	A/W	Issue No.	12 (cont)
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11 f _ 2018_12				

Photo 2 of 2 : FA\_2021\_NA0010\_129\_12\_20210830\_00005.jpg



View of waterside slope. (Fall 2018)

LM Start	3.04	Rating **	U	Issue No.	24
LM End	3.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202494 °	37.202494 °
				-120.700153 °	-120.700153 °
DWR ID	19852				

**Comment Code**

**Inspector Comment**

DS\_ID:19852  
 FS\_ID:67928  
 EP\_NO: N/A  
 Repair Type: Urgent  
 EVAL Issue: Pipe Integrity  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record has been upgraded from Non-Urgent to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pipe has since been cleared out of sediment since previous inspection. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GE)04/18/201 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.04), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.04), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67928\_100453.jpg



Levee crown looking downstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.04</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>3.04</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.202494 °	37.202494 °	
			-120.700153 °	-120.700153 °	
DWR ID	19852				

Photo 2 of 3 : UCIP\_FA\_2021\_67928\_100457.jpg



LS view: Toe from crown.

LM Start	<b>3.04</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>3.04</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67928\_100451.jpg



LS view: Close up of pipe inlet at toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.32	Rating **	M	Issue No.	25
LM End	3.32	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.252619 °	37.252619 °
				-120.780845 °	-120.780845 °
DWR ID	25542				
Comment Code					
Inspector Comment					
DS_ID:25542 FS_ID:67929 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 06/8/2021 The record is Non-Urgent. Pipe not found by visual inspection. This appears to potentially be inside a different unit based on the CLM since this unit only goes from CLM 0 to 3.31. Either way, it was not observed in the field. Recommend contacting owner to determine status of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn- GEI)09/23/202 UCIP record brought online. Confirm location. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 15.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.32), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.32), listed as a 24-inch CMP]. FS Date: 6/8/2021					

LM Start	3.32	Rating **	M	Issue No.	25 (cont)
LM End	3.32	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67929\_100458.jpg



Levee crown on adjacent unit bisecting this one.

Photo 2 of 3 : UCIP\_FA\_2021\_67929\_100460.jpg



LS view: Slope from toe, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.32</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>3.32</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.252619 °	37.252619 °	
			-120.780845 °	-120.780845 °	
DWR ID	25542				

Photo 3 of 3 : UCIP\_FA\_2021\_67929\_100459.jpg



WS view: Slope from toe, no pipe visible.

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.252539 °	37.252539 °	
			-120.780694 °	-120.780694 °	
DWR ID	25543				

**Comment Code**

**Inspector Comment**

DS\_ID:25543  
 FS\_ID:67931  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Not Found  
 Crossing Status: Not Found  
 UCIP Comments: 06/06/2021 The record is Non-Urgent. Pipe not found by visual inspection. This appears to potentially be inside a different unit based on the CLM since this unit only goes from CLM 0 to 3.31. Either way, it was not observed in the field. Recommend contacting owner to determine status of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)09/23/2020 UCIP record brought online. Confirm location. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: [Eastside Canal Siphon] 48-inch corrugated metal pipe through the levee, 16.0 feet below the crown and under channel. Slide gate on landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.33), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.33), listed as a 48-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67931\_100461.jpg



Levee crown of bisecting unit section.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.252539 °	37.252539 °	
			-120.780694 °	-120.780694 °	
DWR ID	25543				

Photo 2 of 3 : UCIP\_FA\_2021\_67931\_100463.jpg



LS view: Slope from crown, no pipe visible.

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>26 (cont)</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67931\_100464.jpg



WS view: Slope from crown, no pipe visible.

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 12 Mariposa Bypass			Left	3.33
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/4/2021 - 5/4/2021		9/14/2021 - 9/14/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	0.40	Rating **	M	Issue No.	15
LM End	0.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200934 °	37.200934 °
				-120.747996 °	-120.747996 °
DWR ID	19855				

**Comment Code**

**Inspector Comment**

DS\_ID:19855  
FS\_ID:67726  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014  
Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.41), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.39), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.40</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67726\_100627.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67726\_100630.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>0.40</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.40</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200934 °	37.200934 °	
			-120.747996 °	-120.747996 °	
DWR ID	19855				

Photo 3 of 3 : UCIP\_FA\_2021\_67726\_100625.jpg



LS view: Slope from toe.

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>1.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200922 °	37.200922 °	
			-120.736012 °	-120.736012 °	
DWR ID	19856				

**Comment Code**

**Inspector Comment**

DS\_ID:19856  
 FS\_ID:68233  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Some vegetation growth starting over WS flapgate and LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.06), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.06), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68233\_100633.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200922 °	37.200922 °	
			-120.736012 °	-120.736012 °	
DWR ID	19856				

Photo 2 of 3 : UCIP\_FA\_2021\_68233\_100637.jpg



LS view: Headwall visible at toe from crown.

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68233\_100631.jpg



LS view: Slope and headwall at toe.

LM Start	1.06	Rating **	A/W	Issue No.	14
LM End	1.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200924 °	37.200923 °
				-120.735998 °	-120.735747 °
DWR ID	DWR_NA0010_12_f_2018_14				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage along slope is caused by livestock cutting into the 2:1 slope. Continue to monitor.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	1.27	Rating **	M	Issue No.	17
LM End	1.27	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.200919 °	37.200919 °
				-120.732234 °	-120.732234 °
DWR ID	19857				

**Comment Code**

**Inspector Comment**

DS\_ID:19857  
FS\_ID:67728  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Not Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Pipe not found during visual inspection due to dense vegetation on both WS and LS ends. LS end was also blocked off by barbed wire which limited inspection. Recommend removing vegetation in order to assess condition of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/18/2014 Landward side not accessible due to dense vegetation and fence. Concrete headwall and flap gate under water therefore not able to evaluate condition. Will need to coordinate with owner to evaluate condition of crossing on waterward side and obtain access to evaluate landward side. (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 17.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.28), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.27), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	1.27	Rating **	M	Issue No.	17 (cont)
LM End	1.27	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67728\_100640.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67728\_100644.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>17 (cont)</b>
LM End	<b>1.27</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.200919 °	37.200919 °	
			-120.732234 °	-120.732234 °	
DWR ID	19857				

Photo 3 of 3 : UCIP\_FA\_2021\_67728\_100638.jpg



LS view: Dense vegetation and barbed wire at the toe, no pipe visible.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>1.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200913 °	37.200913 °	
			-120.727496 °	-120.727496 °	
DWR ID	19858				

**Comment Code**

**Inspector Comment**

DS\_ID:19858  
FS\_ID:67729  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Dense vegetation over LS pipe inlet, headwall barely visible. Recommend removal of vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Limited access on landward side due to fence and dense vegetation. Recommend obtaining access to landward side and clear vegetation on landward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.53), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.53), listed as a 24-inch CMP].  
FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67729\_100646.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200913 °	37.200913 °	
			-120.727496 °	-120.727496 °	
DWR ID	19858				

Photo 2 of 3 : UCIP\_FA\_2021\_67729\_100650.jpg



LS view: Toe from crown.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67729\_100651.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.16	Rating **	M	Issue No.	19
LM End	2.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °
				-120.716118 °	-120.716118 °
DWR ID	19859				

**Comment Code**

**Inspector Comment**

DS\_ID:19859  
FS\_ID:68234  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet inaccessible due to barbed wire, just the top of the headwall visible. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/18/2014 Need to contact owner. Recommend clearing vegetation from landward side--headwall blocked. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.16), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.16), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>2.16</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>2.16</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68234\_100655.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68234\_100659.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.16	Rating **	M	Issue No.	19 (cont)
LM End	2.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °
				-120.716118 °	-120.716118 °
DWR ID	19859				

Photo 3 of 3 : UCIP\_FA\_2021\_68234\_100653.jpg



LS view: Slope from toe.

LM Start	2.51	Rating **	A	Issue No.	9
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200918 °	37.200918 °
				-120.709659 °	-120.709659 °
DWR ID	DWR_NA0010_12_f _ 2021_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained.					

Photo 1 of 1 : FA\_2021\_NA0010\_130\_9\_20211006\_00025.jpg



View of landside slope looking upstream. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	2.70	Rating **	M	Issue No.	20
LM End	2.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

**Comment Code**

**Inspector Comment**

DS\_ID:19860  
FS\_ID:67731  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet covered with vegetation, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.70), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.70), listed as a 24-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>2.70</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>2.70</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67731\_100663.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67731\_100666.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	<b>2.70</b>	Rating **	M	Issue No.	<b>20 (cont)</b>
LM End	<b>2.70</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

Photo 3 of 3 : UCIP\_FA\_2021\_67731\_100660.jpg



LS view: Headwall and slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.00	Rating **	M	Issue No.	21
LM End	3.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.200931 °	37.200931 °	
			-120.700908 °	-120.700908 °	
DWR ID	19861				

**Comment Code**

**Inspector Comment**

DS\_ID:19861  
FS\_ID:68235  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. LS pipe inlet inaccessible due to barbed wire and WS flapgate surrounded by water, limited inspection for both. LS pipe inlet also has dense vegetation covering it, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 11/09/2015 DWR Inspection section confirmed issue has been addressed. Need to coordinate with LMA to determine additional details for extent of repair. (O. Magana - DWR UCIP)04/18/2014 Soil missing behind concrete headwall on waterward side. Unable to determine if missing soil is due to sink holes, rodent activity, or due to erosion. Headwall appears to be leaning slightly forward. Reason why this crossing was labelled urgent was due to the uncertainty of damage to concrete headwall and reason for soil missing behind concrete. Need to coordinate with LMA to determine more information about repair at this location. (O. Magana -DWR UCIP) FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.00), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.00), listed as a 24-inch CMP].  
FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68235\_100670.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.00	Rating **	M	Issue No.	21 (cont)
LM End	3.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200931 °	37.200931 °
				-120.700908 °	-120.700908 °
DWR ID	19861				

Photo 2 of 3 : UCIP\_FA\_2021\_68235\_100671.jpg



LS view: Toe from crown.

LM Start	<b>3.00</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>3.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68235\_100667.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.33	Rating **	M	Issue No.	22
LM End	3.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.200954 °	37.200954 °
				-120.694795 °	-120.694795 °
DWR ID	19906				

**Comment Code**

**Inspector Comment**

DS\_ID:19906  
FS\_ID:68237  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Indicator Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. The slidegate and canal are visible on the LS from the crown, but inaccessible due to fence. Unable to measure and confirm whether the slidegate goes to this crossing. Pipe goes under channel, so not visible on WS. Confirm with owner on the status of this pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/18/2014 Unable to confirm if crossing recorded as Unit 6 9.735 is the same as this one. No way to measure diameter crossing has slide gate on landward side. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [Eastside Canal Siphon] 48-inch corrugated metal irrigation siphon pipe through the levee and under the channel, 17.5 feet below the crown. Slide gate on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.36), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 3.36), listed as a 48-inch CMP].  
FS Date: 6/8/2021

LM Start	<b>3.33</b>	Rating **	M	Issue No.	<b>22 (cont)</b>
LM End	<b>3.33</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68237\_100674.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68237\_100675.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	09/14/2021 09/14/2021	Corey Fujitani

LM Start	3.33	Rating **	M	Issue No.	22 (cont)
LM End	3.33	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.200954 °	37.200954 °
				-120.694795 °	-120.694795 °
DWR ID	19906				

Photo 3 of 3 : UCIP\_FA\_2021\_68237\_100676.jpg



LS view: Close up of slidegate and canal at toe.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 13 Ash Slough			Right	1.27
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	5/6/2021 - 5/6/2021		9/16/2021 - 9/16/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.26	Rating **	M	Issue No.	8
LM End	0.26	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.037213 °	37.037213 °
				-120.440661 °	-120.440661 °
DWR ID	DWR_NA0010_13_f_2018_8				
Comment Code					
RA : Ramp					
Inspector Comment					

No Photos

LM Start	0.48	Rating **	M	Issue No.	9
LM End	0.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.040343 °	37.040343 °
				-120.439316 °	-120.439316 °
DWR ID	DWR_NA0010_13_f_2021_9				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_131\_9\_20211006\_00012.jpg



Unauthorized ramp constructed on the landside slope. (Fall 2021)

LM Start	0.48	Rating **	M	Issue No.	10
LM End	0.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.040347 °	37.040347 °
				-120.439312 °	-120.439312 °
DWR ID	DWR_NA0010_13_f_2021_10				
Comment Code					
RA : Ramp					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_131\_10\_20211006\_00013.jpg



View of unauthorized ramp on the waterside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.56	Rating **	M	Issue No.	3
LM End	0.70	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.041294 °	37.042745 °
				-120.438570 °	-120.436775 °
DWR ID	DWR_NA0010_13_s_2021_3				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_131\_3\_20210830\_00001.jpg



Looking upstream along the levee crown. (Spring 2021)

LM Start	0.91	Rating **	M	Issue No.	5
LM End	0.91	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.044855 °	37.044855 °
				-120.434106 °	-120.434106 °
DWR ID	DWR_NA0010_13_s_2014_5				
Comment Code					
RA : Ramp					
Inspector Comment					
There is an unauthorized ramp on waterside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_131\_5\_20210830\_00003.jpg



Unauthorized ramp constructed on the waterside slope. (Spring 2021)

LM Start	1.14	Rating **	U	Issue No.	6
LM End	1.14	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.045541 °	37.045541 °
				-120.430014 °	-120.430014 °
DWR ID	DWR_NA0010_13_f_2015_6				
Comment Code					
WL : Wall					
Inspector Comment					
Sand dam may have been blown out due to high flows in 2017 but has been restored. The sand dam referenced in this issue is an unauthorized construction in the channel by the landowner. It blocks the entire channel.					

Photo 1 of 1 : FA\_2021\_NA0010\_131\_6\_20210830\_00004.jpg



Downstream view of sand dam constructed upstream of the Ash Slough Drop Structure 4. (Fall 2020)

* 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	11	
LM End	1.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.045872 °	37.045872 °	
				-120.430070 °	-120.430070 °	
DWR ID	19727					
Comment Code						
Inspector Comment						
DS_ID:19727 FS_ID:69821 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. Appears abandoned due to actuator missing on slidegate on the WS shoulder and if abandoned, should be done properly. Limited inspection of inlet and outlet due to standing water over concrete platforms surrounding pipe inlet/outlet, creating inability to inspect closely. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)03/27/2014 Appears abandoned and if so should be done so properly. Pipe filled with soil on WS at outlet. Actuator missing from slide gate on WS shoulder. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 1 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.14), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.14), listed as a 36-inch CMP]. FS Date: 6/23/2021 1:08:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_69821\_103411.jpg



View of levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.14</b>	Rating **	M	Issue No.	<b>11 (cont)</b>
LM End	<b>1.14</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.045872 °	37.045872 °	
			-120.430070 °	-120.430070 °	
DWR ID	19727				

Photo 2 of 3 : UCIP\_FA\_2021\_69821\_103418.jpg



LS view: concrete inlet pipe on LS toe.

LM Start	<b>1.14</b>	Rating **	M	Issue No.	<b>11 (cont)</b>
LM End	<b>1.14</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69821\_103419.jpg



LS view: close up of concrete inlet pipe on LS toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	12
LM End	1.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

**Comment Code**

**Inspector Comment**

DS\_ID:19908  
FS\_ID:69820  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. No lid on riser at WS shoulder, causing safety hazard. Limited inspection of both inlet and outlet due to standing water over concrete pads around the pipe inlet/out. Outlet also has metal grate over it, limiting ability to inspect pipe closely. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)03/27/2014 No lid on riser at WS shoulder could be safety issue. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: [Rounder Irrigation Structure] 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.14), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.14), listed as a 36-inch CMP].  
FS Date: 6/23/2021 2:23:00 PM

LM Start	<b>1.14</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>1.14</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69820\_103422.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69820\_103423.jpg



LS view from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	12 (cont)
LM End	1.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

Photo 3 of 3 : UCIP\_FA\_2021\_69820\_103430.jpg



LS view: Slope and headwall from toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 14 Ash Slough			Left	1.28
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/6/2021 - 5/6/2021		9/16/2021 - 9/16/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.25	Rating **	A/W	Issue No.	5
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.035841 °	37.035841 °
				-120.439795 °	-120.439795 °
DWR ID	DWR_NA0010_14_f_2017_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_132\_5\_20210830\_00002.jpg



Looking at the landside slope.

LM Start	0.34	Rating **	M	Issue No.	6
LM End	0.34	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.037058 °	37.037058 °
				-120.439266 °	-120.439266 °
DWR ID	DWR_NA0010_14_f_2018_6				
Comment Code					
RA : Ramp					
Inspector Comment					

No Photos

LM Start	0.67	Rating **	U	Issue No.	7
LM End	0.67	Issue Type +	En	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.041266 °	37.041266 °
				-120.436700 °	-120.436700 °
DWR ID	DWR_NA0010_14_f_2021_7				
Comment Code					
Inspector Comment					
Landowner is storing material in the channel.					

Photo 1 of 1 : FA\_2021\_NA0010\_132\_7\_20211006\_00010.jpg



View of large amount of material being piled within the channel. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.86	Rating **	A/W	Issue No.	4
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.043183 °	37.043183 °
				-120.434323 °	-120.434323 °
DWR ID	DWR_NA0010_14_f_2018_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are noted on the landside slope.					

No Photos

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.15	Rating **	M	Issue No.	80	
LM End	1.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.044906 °	37.044906 °	
				-120.429695 °	-120.429695 °	
DWR ID	19909					
Comment Code						
Inspector Comment						
DS_ID:19909 FS_ID:69943 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/23/2021 The record remains Non-Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. CMP riser on WS slope is missing lid, causing a safety concern. Limited inspection of both inlet and outlet due to elevated standing water in concrete boxes surrounding inlet/outlet, limiting closeup inspection of pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)03/27/2014 Lid should be installed on CMP riser on WS slope, could be a safety hazard. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 36-inch corrugated metal gravity irrigation pipe through the levee, 10 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 7-foot concrete distribution box at the WS toe. Slots for wooden flashboards on the WS of the box. 7-foot by 9-foot concrete distribution box on the landside (LS), 20 feet from the toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.15), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.15), listed as a 36-inch CMP]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_69943\_103432.jpg



View of levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.15</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>1.15</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.044906 °	37.044906 °	
			-120.429695 °	-120.429695 °	
DWR ID	19909				

Photo 2 of 3 : UCIP\_FA\_2021\_69943\_103434.jpg



LS view from crown. Concrete headwall visible in background.

LM Start	<b>1.15</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>1.15</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69943\_103452.jpg



LS view: Concrete box and inlet pipe.

LM Start	1.15	Rating **	A/W	Issue No.	3
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.044939 °	37.045416 °
				-120.429636 °	-120.427719 °
DWR ID	DWR_NA0010_14_f_2020_3				
Comment Code					
DT : Ditch					
Inspector Comment					
Retention pond dug approx. 20 feet from landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_132\_3\_20210830\_00001.jpg



Retention basin dug approximately 20 ft from the landside toe. (Fall 2020)

* 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.24	Rating **	M	Issue No.	79
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045343 °	37.045343 °
				-120.428007 °	-120.428007 °
DWR ID	DWR_NA0010_14_s_2021_79				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are noted on the landside at this location.					

Photo 1 of 1 : FA\_2021\_NA0010\_132\_79\_20210830\_00003.jpg



View of rodent burrows on the landside slope. (Fall 2020)

LM Start	1.26	Rating **	U	Issue No.	81	
LM End	1.26	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.045383 °	37.045383 °	
				-120.427754 °	-120.427754 °	
DWR ID	19910					
Comment Code						
Inspector Comment						
DS_ID:19910 FS_ID:69824 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Indicator Found UCIP Comments: 06/23/2021 Record has been upgraded from No Action Needed to Urgent. DWR DMP internal inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Crossing will be monitored until funding becomes available to address the issues. Lid missing from CMP riser on WS slope, causing safety concern. LS not accessible; limited inspection due to barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Slide gate in a 42-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the WS end. Pipe terminates into a concrete ditch on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.26), listed as a 36-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.26), listed as a 36-inch CMP]. FS Date: 6/23/2021 2:07:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_69824\_103809.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.26</b>	Rating **	U	Issue No.	<b>81 (cont)</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.045383 °	37.045383 °	
			-120.427754 °	-120.427754 °	
DWR ID	19910				

Photo 2 of 3 : UCIP\_FA\_2021\_69824\_103811.jpg



LS view: inlet assumed to be within irrigation structure off of toe.

LM Start	<b>1.26</b>	Rating **	U	Issue No.	<b>81 (cont)</b>
LM End	<b>1.26</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69824\_103810.jpg



WS view: slidegate in CMP riser.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 15 Berenda Slough			Right	2.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	5/6/2021 - 5/6/2021		9/16/2021 - 9/16/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.26	Rating **	M	Issue No.	5
LM End	0.55	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996540 °	36.996536 °
				-120.405812 °	-120.400427 °
DWR ID	DWR_NA0010_15_f _ 2021_5				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_133\_5\_20211006\_00010.jpg



View of vegetation growing on the levee crown. (Fall 2021)

LM Start	0.48	Rating **	M	Issue No.	12	
LM End	0.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.996551 °	36.996551 °	
				-120.401737 °	-120.401737 °	
DWR ID	19911					
Comment Code						
Inspector Comment						
DS_ID:19911 FS_ID:69825 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Indicator Found UCIP Comments: 06/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection of LS due to vegetation overgrowth; recommend removal. Water was actively flowing through WS pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 10.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.49), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 0.48), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 2:52:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_69825\_103817.jpg



view of levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>0.48</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.48</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.996551 °	36.996551 °	
			-120.401737 °	-120.401737 °	
DWR ID	19911				

Photo 2 of 3 : UCIP\_FA\_2021\_69825\_103819.jpg



LS view: concrete wall and entrance to pipe from toe. View of slope in background.

LM Start	<b>0.48</b>	Rating **	M	Issue No.	<b>12 (cont)</b>
LM End	<b>0.48</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69825\_103818.jpg



WS view: slope from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	13	
LM End	1.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.996566 °	36.996566 °	
				-120.392280 °	-120.392280 °	
DWR ID	19912					
Comment Code						
Inspector Comment						
DS_ID:19912 FS_ID:69727 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS pipe due to vegetation overgrowth; recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.01), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.01), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 3:18:00 PM						

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69727\_103822.jpg



view of levee crown

Photo 2 of 3 : UCIP\_FA\_2021\_69727\_103823.jpg



LS view: toe from levee crown

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>13 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.996566 °	36.996566 °	
			-120.392280 °	-120.392280 °	
DWR ID	19912				

Photo 3 of 3 : UCIP\_FA\_2021\_69727\_103825.jpg



LS view: concrete headwall on toe.

LM Start	1.53	Rating **	M	Issue No.	7
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996557 °	36.996575 °
				-120.382756 °	-120.374745 °
DWR ID	DWR_NA0010_15_f_2021_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_133\_7\_20211006\_00011.jpg



Looking upstream along the waterside slope. (Fall 2021)

LM Start	1.53	Rating **	M	Issue No.	6
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996555 °	36.996578 °
				-120.382755 °	-120.374496 °
DWR ID	DWR_NA0010_15_f_2021_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_133\_6\_20211006\_00012.jpg



View of the landside slope looking upstream. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.53	Rating **	M	Issue No.	14
LM End	1.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				
Comment Code					
Inspector Comment					
DS_ID:19913 FS_ID:69728 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection of LS pipe due to vegetation overgrowth; recommend removal. Note that wooden board is holding flapgate closed on WS; recommend removing before flood season to allow for flow. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI) 03/27/2014 Excessive vegetation at inlet on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.54), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.53), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 3:47:00 PM					

Photo 1 of 3 : UCIP\_FA\_2021\_69728\_103828.jpg



view of levee crown.

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_69728\_103829.jpg



LS view of toe from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>14 (cont)</b>
LM End	<b>1.53</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				

Photo 3 of 3 : UCIP\_FA\_2021\_69728\_103831.jpg



LS view: concrete headwall from toe.

LM Start	1.86	Rating **	M	Issue No.	11
LM End	1.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996590 °	36.996587 °
				-120.376833 °	-120.374503 °
DWR ID	DWR_NA0010_15_s_2012_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes along this section causing ruts in the crown.					

No Photos

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 16 Berenda Slough			Left	1.96
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/6/2021 - 5/6/2021		9/16/2021 - 9/16/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	09/16/2021 09/16/2021	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	7
LM End	0.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995399 °	36.995438 °
				-120.408819 °	-120.402279 °
DWR ID	DWR_NA0010_16_f _ 2021_7				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_7\_20211006\_00007.jpg



Looking downstream along the levee crown. (Fall 2021)

LM Start	0.93	Rating **	M	Issue No.	92
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995439 °	36.995439 °
				-120.392146 °	-120.392146 °
DWR ID	DWR_NA0010_16_s_2015_92				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_92\_20210830\_00003.jpg



Looking at several rodent holes on landward slope.

LM Start	1.09	Rating **	M	Issue No.	3
LM End	1.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995433 °	36.995433 °
				-120.389190 °	-120.389190 °
DWR ID	DWR_NA0010_16_f_2016_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified on the levee crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_3\_20210830\_00002.jpg



Looking at several rodent holes and mole holes on levee crown.

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.38	Rating **	A/W	Issue No.	9
LM End	1.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.995478 °	36.995492 °
				-120.383970 °	-120.374852 °
DWR ID	DWR_NA0010_16_s_2019_9				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	1.41	Rating **	M	Issue No.	6
LM End	1.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995474 °	36.995497 °
				-120.383501 °	-120.373836 °
DWR ID	DWR_NA0010_16_f_2021_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_6\_20211006\_00008.jpg



View of vegetation growing along the landside slope. (Fall 2021)

LM Start	1.41	Rating **	M	Issue No.	5
LM End	1.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995474 °	36.995496 °
				-120.383501 °	-120.373834 °
DWR ID	DWR_NA0010_16_f_2021_5				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_5\_20211006\_00009.jpg



Looking downstream along the waterside slope. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.41	Rating **	M	Issue No.	12
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995467 °	36.995467 °
				-120.383492 °	-120.383492 °
DWR ID	DWR_NA0010_16_f_2019_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.44	Rating **	M	Issue No.	93	
LM End	1.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			36.995473 °	36.995473 °	
				-120.382872 °	-120.382872 °	
DWR ID	19915					
Comment Code						
Inspector Comment						
DS_ID:19915 FS_ID:69769 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/24/2021 The record remains Non-Urgent. Limited inspection on LS and WS due to vegetation overgrowth, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  04/01/2014 Dense vegetation buildup at landside toe--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Two concrete cutoff walls. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.46), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 1.46), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 6/24/2021 11:09:00 AM						

Photo 1 of 3 : UCIP\_FA\_2021\_69769\_103847.jpg



View of levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	09/16/2021 09/16/2021	Corey Fujitani

LM Start	<b>1.44</b>	Rating **	M	Issue No.	<b>93 (cont)</b>
LM End	<b>1.44</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.995473 °	36.995473 °	
			-120.382872 °	-120.382872 °	
DWR ID	19915				

Photo 2 of 3 : UCIP\_FA\_2021\_69769\_103851.jpg



LS view: Slope and concrete headwall at inlet, covered by heavy vegetation.

LM Start	<b>1.44</b>	Rating **	M	Issue No.	<b>93 (cont)</b>
LM End	<b>1.44</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69769\_103852.jpg



LS view: close up of concrete headwall at inlet.

LM Start	1.68	Rating **	M	Issue No.	4
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995503 °	36.995503 °
				-120.378579 °	-120.378579 °
DWR ID	DWR_NA0010_16_s_2014_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	09/16/2021 09/16/2021	Corey Fujitani

LM Start	1.77	Rating **	U	Issue No.	2
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995487 °	36.995487 °
				-120.377054 °	-120.377054 °
DWR ID	DWR_NA0010_16_f_2014_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large rodent holes are on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_134\_2\_20210830\_00001.jpg



Looking southwest at several rodent holes on landward slope.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 17 Chowchilla Canal Bypass			Right	16.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/11/2021 - 5/11/2021		9/21/2021 - 9/21/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	0.18	Rating **	M	Issue No.	16
LM End	4.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976444 °	36.929046 °
				-120.371430 °	-120.338630 °
DWR ID	DWR_NA0010_17_f_2021_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_16\_20211006\_00037.jpg



View of vegetation on the waterside slope. (Fall 2021)

LM Start	0.18	Rating **	M	Issue No.	15
LM End	4.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976447 °	36.929251 °
				-120.371424 °	-120.338705 °
DWR ID	DWR_NA0010_17_f _ 2021_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_15\_20211006\_00038.jpg



View of vegetation along the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	40
LM End	2.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.952254 °	36.952254 °
				-120.348804 °	-120.348804 °
DWR ID	19916				

**Comment Code**

**Inspector Comment**

DS\_ID:19916  
FS\_ID:68828  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to tumbleweeds blocking LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 2.58), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 2.58), listed as a 5-feet by 4-feet RCBC].  
FS Date: 7/19/2021

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68828\_102399.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68828\_102403.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.952254 °	36.952254 °	
			-120.348804 °	-120.348804 °	
DWR ID	19916				

Photo 3 of 3 : UCIP\_FA\_2021\_68828\_102404.jpg



LS view: Slope from toe.

LM Start	<b>4.68</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>4.68</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.923426 °	36.923426 °	
			-120.336559 °	-120.336559 °	
DWR ID	19921				

**Comment Code**

**Inspector Comment**

DS\_ID:19921  
 FS\_ID:68516  
 EP\_NO: 13587  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. Dense vegetation over the WS gate, recommend clearing out for better flow during flood season. Some minor vegetation over LS pipe inlet, recommend removal. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 14.6 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. 36-inch weir structure on the WS. Combination flap gate and slide gate on the WS toe. Steel walkway to slide gate actuator on the WS shoulder. (Plans to construct a 3.281-foot-high weir and attach a cable operated flap valve to an existing 48-inch by 60-inch culvert authorized under Permit No. 13587, 1983 - Clark Brothers Farming, Arroyo Ranch). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.68), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 4.69), listed as a 5-feet by 4-feet RCBC].  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68516\_102411.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>4.68</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>4.68</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.923426 °	36.923426 °	
			-120.336559 °	-120.336559 °	
DWR ID	19921				

Photo 2 of 3 : UCIP\_FA\_2021\_68516\_102415.jpg



LS view: Toe from crown.

LM Start	<b>4.82</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>4.82</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68516\_102409.jpg



LS view: Headwall and slope from toe.

LM Start	4.82	Rating **	C	Issue No.	14
LM End	4.82	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.921460 °	36.921460 °
				-120.335825 °	-120.335825 °
DWR ID	DWR_NA0010_17_s_2021_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	7.27	Rating **	M	Issue No.	5
LM End	7.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.887852 °	36.886388 °
				-120.321668 °	-120.320950 °
DWR ID	DWR_NA0010_17_s_2012_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this reach.					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_5\_20210830\_00003.jpg



Looking at typical view of rodent holes on landward slope.

LM Start	7.74	Rating **	U	Issue No.	18
LM End	7.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.881470 °	36.881470 °
				-120.318961 °	-120.318961 °
DWR ID	DWR_NA0010_17_f_2021_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_18\_20211006\_00040.jpg



Looking up the landside slope at several rodent holes. (Fall 2021)

LM Start	8.15	Rating **	M	Issue No.	24
LM End	8.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.875525 °	36.875525 °
				-120.317788 °	-120.317788 °
DWR ID	DWR_NA0010_17_f_2017_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are on the landside and crown of levee. Rodent holes have caused some erosion on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_24\_20210830\_00007.jpg



Looking east at the landside slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	8.37	Rating **	M	Issue No.	42
LM End	8.37	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.872358 °	36.872358 °
				-120.317170 °	-120.317170 °
DWR ID	19922				
Comment Code					
Inspector Comment					
DS_ID:19922 FS_ID:68829 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/13/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection due to dense tumbleweeds over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.38), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 8.38), listed as a 5-feet by 4-feet RCBC]. FS Date: 7/19/2021					

LM Start	<b>8.37</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>8.37</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68829\_102421.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68829\_102425.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>8.37</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>8.37</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.872358 °	36.872358 °	
			-120.317170 °	-120.317170 °	
DWR ID	19922				

Photo 3 of 3 : UCIP\_FA\_2021\_68829\_102426.jpg



LS view: Headwall and slope from toe.

LM Start	<b>9.88</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>9.88</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.850703 °	36.850703 °	
			-120.314154 °	-120.314154 °	
DWR ID	19917				

**Comment Code**

**Inspector Comment**

DS\_ID:19917  
FS\_ID:68830  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. Limited inspection due to dense tumbleweeds over LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)

04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15 feet below the crown. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.89), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 9.89), listed as a 5-feet by 4-feet RCBC].

FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68830\_102428.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.88	Rating **	M	Issue No.	43 (cont)
LM End	9.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.850703 °	36.850703 °
				-120.314154 °	-120.314154 °
DWR ID	19917				

Photo 2 of 3 : UCIP\_FA\_2021\_68830\_102432.jpg



LS view: Toe from crown.

LM Start	<b>9.88</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>9.88</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68830\_102433.jpg



LS view: Headwall and slope from toe.

LM Start	11.03	Rating **	A/W	Issue No.	35
LM End	11.03	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.836724 °	36.836724 °
				-120.305328 °	-120.305328 °
DWR ID	DWR_NA0010_17_f_2018_35				
Comment Code					
PI : Pipe					
Inspector Comment					
Temporary pipe and ramp were moved off the levee crown in Fall 2019 and are currently being stored on the waterside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_35\_20210830\_00008.jpg

View of ramp and temporary pipe material left on the waterside slope.  
(Fall 2019)

* 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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	12.17	Rating **	U	Issue No.	39
LM End	12.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.822818 °	36.822818 °
				-120.299680 °	-120.299680 °
DWR ID	DWR_NA0010_17_f _ 2018_39				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
A large hole is on the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_39\_20210830\_00009.jpg



Large rodent hole at toe of levee. (Fall 2020)

LM Start	12.25	Rating **	U	Issue No.	19
LM End	12.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.821776 °	36.821776 °
				-120.300137 °	-120.300137 °
DWR ID	DWR_NA0010_17_f _ 2020_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_19\_20210830\_00006.jpg



View of rodent burrows on the landside slope. (Fall 2020)

LM Start	12.28	Rating **	M	Issue No.	3
LM End	12.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.821368 °	36.820843 °
				-120.300283 °	-120.300469 °
DWR ID	DWR_NA0010_17_s_2014_3				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_135\_3\_20210830\_00001.jpg



View of multiple rodent holes in the landside slope. (Spring 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	13.29	Rating **	M	Issue No.	44
LM End	13.29	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.807509 °	36.807509 °	
			-120.306231 °	-120.306231 °	
DWR ID	19918				

**Comment Code**

**Inspector Comment**

DS\_ID:19918  
FS\_ID:68831  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/13/2021 The record remains Non-Urgent. WS flapgate has plank holding it shut, remove before flood season. Limited inspection due to dense tumbleweeds covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/01/2014 Some vegetation buildup at inlet-- recommend clearing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 13.29), listed as a 48-inch by 60-inch reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 13.30), listed as a 5-feet by 4-feet RCBC].  
FS Date: 7/19/2021

LM Start	13.29	Rating **	M	Issue No.	44 (cont)
LM End	13.29	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68831\_102435.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68831\_102439.jpg



LS view: Headwall visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>13.29</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>13.29</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.807509 °	36.807509 °	
			-120.306231 °	-120.306231 °	
DWR ID	19918				

Photo 3 of 3 : UCIP\_FA\_2021\_68831\_102440.jpg



LS view: Headwall and slope from toe.

LM Start	<b>14.38</b>	Rating **	M	Issue No.	<b>45</b>
LM End	<b>14.38</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.793318 °	36.793318 °	
			-120.302138 °	-120.302138 °	
DWR ID	24850				

**Comment Code**

**Inspector Comment**

DS\_ID:24850  
 FS\_ID:68519  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Safety Issue  
 Crossing Status: Indicator Found  
 UCIP Comments: 07/13/2021 The record remains Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/01/2014 No permit identified for this crossing. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: Natural gas pipeline of an unknown size or material through the levee, at an unknown depth. Gas line markers on both shoulders.  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68519\_102441.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>14.38</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>14.38</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.793318 °	36.793318 °	
			-120.302138 °	-120.302138 °	
DWR ID	24850				

Photo 2 of 3 : UCIP\_FA\_2021\_68519\_102442.jpg



LS view: Marker visible off crown.

LM Start	<b>14.38</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>14.38</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68519\_102443.jpg



LS view: Closeup of contact information on marker.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	14.39	Rating **	M	Issue No.	46
LM End	14.39	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.793195 °	36.793195 °
				-120.302028 °	-120.302028 °
DWR ID	19562				
Comment Code					
Inspector Comment					
DS_ID:19562 FS_ID:68520 EP_NO: 18568 Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Indicator Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. LS marker visible, but no WS marker. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)7/20/2016 Marker visible on LS. WS marker missing. (O. Magana - DWR UCIP)4/01/2014 Need to contact owner to confirm and obtain status of crossing. Markers misleading--unable to confirm if markers correspond to this crossing. Need markers at levee. (W. Wylie) FIELD_STRUCT_DESC: 30-inch coated steel natural gas pipeline through the levee, approximately 60 feet below the crown. Gas line markers are visible on the waterside (WS) and the landside (LS). (30-inch horizontal directional bore (HDD) authorized under Permit No. 18568, 2010 - Gill Ranch Storage, LLC). FS Date: 7/19/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68520\_102450.jpg



Levee crown.

LM Start	<b>14.39</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>14.39</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68520\_102448.jpg



LS view: Toe from crown, marker way off in distance.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>14.39</b>	Rating **	M	Issue No.	<b>46 (cont)</b>
LM End	<b>14.39</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.793195 °	36.793195 °	
			-120.302028 °	-120.302028 °	
DWR ID	19562				

Photo 3 of 3 : UCIP\_FA\_2021\_68520\_102447.jpg



LS view: Closeup of marker with contact information.

LM Start	<b>14.42</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>14.42</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.792876 °	36.792876 °	
			-120.301837 °	-120.301837 °	
DWR ID	19919				

**Comment Code**

**Inspector Comment**

DS\_ID:19919  
 FS\_ID:68524  
 EP\_NO: 15399  
 Repair Type: Non-Urgent  
 EVAL Issue: Safety Issue  
 Crossing Status: Indicator Found  
 UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 6-inch natural gas pipeline of an unknown material through the levee, 3 feet below the crown. Gas line markers at both toes. (Plans to install a 6-inch welded steel natural gas pipeline under the channel and within both levees of the San Joaquin River and the Chowchilla Bypass authorized under Permit No. 15399, 1990 - California Gas Gathering, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.41), listed as a 6-inch gas line].  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68524\_102464.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	14.42	Rating **	M	Issue No.	47 (cont)
LM End	14.42	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.792876 °	36.792876 °
				-120.301837 °	-120.301837 °
DWR ID	19919				

Photo 2 of 3 : UCIP\_FA\_2021\_68524\_102468.jpg



LS view: Marker visible at toe from crown.

LM Start	<b>14.42</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>14.42</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68524\_102469.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	14.69	Rating **	M	Issue No.	48	
LM End	14.69	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.789066 °	36.789066 °	
				-120.300644 °	-120.300644 °	
DWR ID	19920					
Comment Code						
Inspector Comment						
DS_ID:19920 FS_ID:68525 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. Dense tumbleweeds over WS flapgate and LS inlet, recommend removal of both sides. Limited inspection on both WS and LS ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/01/2014 Heavy vegetation buildup at LS toe--recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.70), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, (HLM 14.69), listed as a 2.5-feet by 2.5-feet RCBC]. FS Date: 7/19/2021						

LM Start	<b>14.69</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>14.69</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68525\_102470.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68525\_102474.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	09/21/2021 09/21/2021	Corey Fujitani

LM Start	14.69	Rating **	M	Issue No.	48 (cont)
LM End	14.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.789066 °	36.789066 °
				-120.300644 °	-120.300644 °
DWR ID	19920				

Photo 3 of 3 : UCIP\_FA\_2021\_68525\_102475.jpg



LS view: Slope from toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 18 Chowchilla Canal Bypass			Left	15.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/12/2021 - 5/12/2021		9/22/2021 - 9/22/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	40
LM End	1.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974071 °	36.953178 °
				-120.363183 °	-120.351840 °
DWR ID	DWR_NA0010_18_f _ 2021_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_40\_20211006\_00055.jpg



View of vegetation on the landside slope. (Fall 2021)

LM Start	0.01	Rating **	M	Issue No.	41
LM End	1.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974067 °	36.953329 °
				-120.363181 °	-120.351912 °
DWR ID	DWR_NA0010_18_f _ 2021_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_41\_20211006\_00056.jpg



Looking upstream along the waterside slope. (Fall 2021)

LM Start	0.78	Rating **	M	Issue No.	55
LM End	0.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.964824 °	36.964824 °
				-120.358065 °	-120.358065 °
DWR ID	DWR_NA0010_18_f _ 2018_55				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_55\_20210830\_00012.jpg



View of rodent holes from levee toe looking towards centerline. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	1.44	Rating **	M	Issue No.	7
LM End	1.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.956163 °	36.956163 °
				-120.353672 °	-120.353672 °
DWR ID	DWR_NA0010_18_f_2018_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes identified on landside slope and on the levee crown.					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_7\_20210830\_00001.jpg



Looking at typical view of rodent holes within this section on landward slope.

LM Start	1.45	Rating **	A/W	Issue No.	70
LM End	1.45	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.955936 °	36.955936 °
				-120.353540 °	-120.353540 °
DWR ID	DWR_NA0010_18_s_2019_70				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	1.57	Rating **	M	Issue No.	71	
LM End	1.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.954378 °	36.954378 °	
				-120.352570 °	-120.352570 °	
DWR ID	19923					
Comment Code						
Inspector Comment						
DS_ID:19923 FS_ID:68890 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 8-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/20/2021						

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68890\_102059.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68890\_102060.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.954378 °	36.954378 °
				-120.352570 °	-120.352570 °
DWR ID	19923				

Photo 3 of 3 : UCIP\_FA\_2021\_68890\_102058.jpg



WS view: Toe from crown, no pipe visible.

LM Start	1.65	Rating **	M	Issue No.	69
LM End	1.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.953301 °	36.953301 °
				-120.351921 °	-120.351921 °
DWR ID	DWR_NA0010_18_s_2019_69				
Comment Code					
RA : Ramp					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	1.66	Rating **	M	Issue No.	72
LM End	1.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.953210 °	36.953210 °
				-120.351840 °	-120.351840 °
DWR ID	19924				
Comment Code					
Inspector Comment					
DS_ID:19924 FS_ID:68244 EP_NO: 11615 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 0.333 feet below the crown. Water line extends from a cattle water trough at the landside (LS) toe. (Plans to install livestock watering troughs and a 1-inch water pipeline through the levee, at three locations on the left bank of the Chowchilla Bypass authorized under Permit No. 11615, 1976 - John M. Lasgoity). [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/20/2021					

LM Start	<b>1.66</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>1.66</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68244\_102063.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68244\_102061.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.66</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>1.66</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.953210 °	36.953210 °	
			-120.351840 °	-120.351840 °	
DWR ID	19924				

Photo 3 of 3 : UCIP\_FA\_2021\_68244\_102062.jpg



WS view: Toe from crown, no pipe visible.

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>73</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.952821 °	36.952821 °	
			-120.351597 °	-120.351597 °	
DWR ID	19925				

**Comment Code**

**Inspector Comment**

DS\_ID:19925  
FS\_ID:68245  
EP\_NO: 6603  
Repair Type: Non-Urgent  
EVAL Issue: Levee Damage or Threat for Levee Damage  
Crossing Status: Found  
UCIP Comments: 07/20/2021 The record remains Non-Urgent.  
Flowmeter and pump on pipe appears newer, likely not abandoned as stated in previous inspection. Some erosion around the flowmeter on WS slope. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/10/2014 Need to contact owner. Appears abandoned--good candidate for video or pressure inspection. This crossings is the same age as the pipe that has failed immediately upstream. (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 15-inch steel irrigation discharge pipe through the levee, 4.3 feet below the crown. Electrical conduit of an unknown size or material through the levee, 4.3 feet below the crown. Siphon breaker on the landside (LS) shoulder. 36-inch concrete standpipe on the LS berm. Inlet facility on the waterside (WS) bank consisting of a pump, a 42-inch concrete standpipe, and a 20-inch concrete channel with an intake pipe and a cutoff wall. (Plans to install a pump and outlet pipe at two locations on the left bank levee of the Chowchilla Bypass authorized under Permit No. 6603, 1969 - Raymond N. Costales).  
[Additional Reference(s): DWR Levee Log, 2002].  
FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68245\_102068.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.952821 °	36.952821 °	
			-120.351597 °	-120.351597 °	
DWR ID	19925				

Photo 2 of 3 : UCIP\_FA\_2021\_68245\_102069.jpg



LS view: Toe from crown, riser visible.

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68245\_102070.jpg



LS view: Electrical manhole off toe.

<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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.71</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>1.71</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.952570 °	36.952570 °	
			-120.351416 °	-120.351416 °	
DWR ID	19681				

Photo 3 of 3 : UCIP\_FA\_2021\_68246\_102074.jpg



WS view: Toe from crown, no pipe visible.

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>75</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.946193 °	36.946193 °	
			-120.347499 °	-120.347499 °	
DWR ID	19680				

**Comment Code**

**Inspector Comment**

DS\_ID:19680  
 FS\_ID:68247  
 EP\_NO: 5837  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Not Found  
 Crossing Status: Not Found  
 UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 2 of 2: 15-inch steel drainage discharge pipe through the levee, 2 feet below the crown. Channel inlet pipe and pump on the waterside (WS). Screw gate on WS with catwalk to access gate and pump. 20-inch irrigation pipe and standpipe on the landside (LS). (Plans for construction of two irrigation structures through the left bank levee of the Chowchilla Bypass authorized under Permit No. 5837, 1967 - Raymond N. Costales).  
 FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68247\_102075.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.946193 °	36.946193 °
				-120.347499 °	-120.347499 °
DWR ID	19680				

Photo 2 of 3 : UCIP\_FA\_2021\_68247\_102077.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>2.20</b>	Rating **	M	Issue No.	<b>75 (cont)</b>
LM End	<b>2.20</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68247\_102076.jpg



WS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	2.25	Rating **	M	Issue No.	76
LM End	2.25	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.945577 °	36.945577 °
				-120.347140 °	-120.347140 °
DWR ID	19926				

**Comment Code**

**Inspector Comment**

DS\_ID:19926  
 FS\_ID:68891  
 EP\_NO: 6603  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 07/20/2021 The record remains Non-Urgent. WS has some vegetation growth around the pump and pipe on the slope, recommend removal. No LS standpipe or siphon breaker visible and new filtration system set up landward off the LS toe. Unsure if pipe connected to filtration system and penetrating the ground on LS belongs to this crossing. Confirm with owner on the status of this pipe and the alignment. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 7/20/2016 High burrow activity. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)4/10/2014 Subsidence present along pipe alignment on landward side. Modified crossing--worked done on landward side. Need to contact owner to determine permit authorizing work. Dense vegetation on landward side--tall grass. Pipe wall cut and new pipe sleeved on landward side. (DWR UCIP - omagana)  
 FIELD\_STRUCT\_DESC: 15-inch steel irrigation discharge pipe and electrical conduit through the levee, 3.7 feet below the crown. Siphon breaker on the landside (LS) shoulder. 36-inch concrete standpipe on the LS berm. Inlet facility on the riverbank, consisting of a pump, a 42-inch concrete standpipe, and a 20-inch concrete channel with an intake pipe and a cutoff wall. (Plans to install a pump and outlet pipe at two locations on the left bank levee of the Chowchilla Bypass authorized under Permit No. 6603, 1969 - Raymond N. Costales). [Additional Reference(s): DWR Levee Log, 2002].  
 FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68891\_102078.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>2.25</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>2.25</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.945577 °	36.945577 °	
			-120.347140 °	-120.347140 °	
DWR ID	19926				

Photo 2 of 3 : UCIP\_FA\_2021\_68891\_102081.jpg



LS view: Toe from crown.

LM Start	<b>2.25</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>2.25</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68891\_102082.jpg



LS view: Closeup of new filtration system and pipe located landward of the levee toe.

LM Start	2.25	Rating **	U	Issue No.	8
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.945563 °	36.945563 °
				-120.347121 °	-120.347121 °
DWR ID	DWR_NA0010_18_f_2015_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There is one large rodent hole and other smaller rodent holes within this area.					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_8\_20210830\_00002.jpg



Looking at large rodent hole on landward slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	2.33	Rating **	M	Issue No.	37
LM End	3.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.944473 °	36.931775 °
				-120.346635 °	-120.341904 °
DWR ID	DWR_NA0010_18_f _ 2021_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.37	Rating **	M	Issue No.	39
LM End	3.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.943973 °	36.935121 °
				-120.346447 °	-120.343131 °
DWR ID	DWR_NA0010_18_f_2021_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	2.72	Rating **	M	Issue No.	77	
LM End	2.72	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.939026 °	36.939026 °	
				-120.344587 °	-120.344587 °	
DWR ID	19729					
Comment Code						
Inspector Comment						
DS_ID:19729 FS_ID:68249 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/20/2021						

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>2.72</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68249\_102084.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68249\_102086.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>2.72</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>2.72</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.939026 °	36.939026 °	
			-120.344587 °	-120.344587 °	
DWR ID	19729				

Photo 3 of 3 : UCIP\_FA\_2021\_68249\_102085.jpg



WS view: Toe from crown, no pipe visible.

LM Start	3.41	Rating **	U	Issue No.	31
LM End	3.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.929498 °	36.929093 °
				-120.341091 °	-120.340920 °
DWR ID	DWR_NA0010_18_f_2019_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_31\_20210830\_00010.jpg



View of rodent burrows in the landside slope. (Fall 2019)

LM Start	3.48	Rating **	M	Issue No.	66
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.928542 °	36.928542 °
				-120.340732 °	-120.340732 °
DWR ID	DWR_NA0010_18_s_2019_66				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	3.73	Rating **	U	Issue No.	47
LM End	3.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.924969 °	36.924969 °
				-120.339407 °	-120.339407 °
DWR ID	DWR_NA0010_18_s_2020_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_47\_20210830\_00011.jpg



Large rodent burrow in the landside slope. (Spring 2020)

LM Start	3.74	Rating **	M	Issue No.	38
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.924861 °	36.918375 °
				-120.339369 °	-120.337002 °
DWR ID	DWR_NA0010_18_f_2021_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.36	Rating **	M	Issue No.	20
LM End	4.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.916226 °	36.916226 °
				-120.336214 °	-120.336214 °
DWR ID	DWR_NA0010_18_s_2021_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	4.53	Rating **	M	Issue No.	78
LM End	4.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.913960 °	36.913960 °
				-120.335370 °	-120.335370 °
DWR ID	19928				
Comment Code					
Inspector Comment					
DS_ID:19928 FS_ID:68250 EP_NO: 11615 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 0.667 feet below the crown. Water line extends from a cattle water trough at the landside (LS) toe. (Plans to install livestock watering troughs and a 1-inch water pipeline through the levee, at three locations on the left bank of the Chowchilla Bypass authorized under Permit No. 11615, 1976 - John M. Lasgoity). [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/20/2021					

LM Start	<b>4.53</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>4.53</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68250\_102087.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68250\_102088.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>4.53</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>4.53</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.913960 °	36.913960 °
				-120.335370 °	-120.335370 °
DWR ID	19928				

Photo 3 of 3 : UCIP\_FA\_2021\_68250\_102089.jpg



WS view: Toe from crown, no pipe visible.

LM Start	4.69	Rating **	M	Issue No.	16
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.911613 °	36.911613 °
				-120.334542 °	-120.334542 °
DWR ID	DWR_NA0010_18_f_2017_16				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the landside slope and crown.					

No Photos

LM Start	4.80	Rating **	M	Issue No.	19
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.910130 °	36.910130 °
				-120.334002 °	-120.334002 °
DWR ID	DWR_NA0010_18_f_2020_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	5.34	Rating **	M	Issue No.	25
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.902688 °	36.902688 °
				-120.331282 °	-120.331282 °
DWR ID	DWR_NA0010_18_f _ 2019_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	79	
LM End	5.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.900640 °	36.900640 °	
				-120.330283 °	-120.330283 °	
DWR ID	19929					
Comment Code						
Inspector Comment						
DS_ID:19929 FS_ID:68251 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. WS end capped with a 0.25-inch steel plate. [Additional Reference(s): DWR Levee Log, 2002]. FS Date: 7/20/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68251\_102090.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>5.49</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>5.49</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.900640 °	36.900640 °	
			-120.330283 °	-120.330283 °	
DWR ID	19929				

Photo 2 of 3 : UCIP\_FA\_2021\_68251\_102091.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>5.49</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>5.49</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68251\_102092.jpg



WS view: Toe from crown, no pipe visible.

LM Start	5.54	Rating **	M	Issue No.	64
LM End	5.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.899995 °	36.897624 °
				-120.329992 °	-120.328828 °
DWR ID	DWR_NA0010_18_s_2019_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	5.74	Rating **	U	Issue No.	15
LM End	5.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.897237 °	36.893924 °
				-120.328633 °	-120.327020 °
DWR ID	DWR_NA0010_18_f _ 2017_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are multiple large rodent holes at the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_15\_20210830\_00005.jpg



Looking west at the landside slope. (Fall 2017)

LM Start	6.13	Rating **	M	Issue No.	36
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.891987 °	36.891987 °
				-120.326065 °	-120.326065 °
DWR ID	DWR_NA0010_18_f_2021_36				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.52	Rating **	M	Issue No.	9
LM End	6.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.886767 °	36.886767 °
				-120.323482 °	-120.323482 °
DWR ID	DWR_NA0010_18_f_2014_9				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	6.62	Rating **	M	Issue No.	35
LM End	6.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.885376 °	36.885376 °
				-120.322820 °	-120.322820 °
DWR ID	DWR_NA0010_18_f _ 2021_35				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_35\_20211006\_00057.jpg



Looking at rodent holes on the landside slope. (Fall 2021)

LM Start	6.84	Rating **	U	Issue No.	23
LM End	6.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.882384 °	36.882384 °
				-120.321417 °	-120.321417 °
DWR ID	DWR_NA0010_18_f_2019_23				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_23\_20210830\_00009.jpg



Representative view of rodent burrows observed at this location. (Fall 2019)

LM Start	7.39	Rating **	U	Issue No.	14
LM End	7.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.874479 °	36.872503 °
				-120.319831 °	-120.319438 °
DWR ID	DWR_NA0010_18_f_2017_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted along the landside slope in this area.					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_14\_20210830\_00004.jpg



View of rodent burrows in the landside slope. (Spring 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>7.54</b>	Rating **	M	Issue No.	<b>80</b>
LM End	<b>7.54</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.872431 °	36.872431 °
				-120.319415 °	-120.319415 °
DWR ID	19930				

**Comment Code**

**Inspector Comment**

DS\_ID:19930  
FS\_ID:68892  
EP\_NO: 13548  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 07/20/2021 The record remains Non-Urgent. No longer debris or sediment inside LS pipe outlet. WS pipe does not appear to be distorted, but has minor vegetation over inlet, recommend removal. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/10/2014 CMP crossing is distorted on waterward side. Debris scattered on landward side. Sediment deposit inside crossing visible from landward side. Recommend removing debris from landward side. (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 42-inch reinforced concrete gravity irrigation pipe through the levee, 19 feet below the crown. Gate structure on the waterside (WS) shoulder. Pipe section on the WS is corrugated metal. Pipe section on the landside (LS) is reinforced concrete. (Plans to install a 42-inch gravity-flow concrete pipeline through the left bank levee of the Eastside Bypass to divert bypass waters for irrigation purposes authorized under Permit No. 13548, 1983 - New Stone Water District). [Additional Reference(s): DWR Levee Log, 2002].  
FS Date: 7/30/2021 3:01:27 PM

LM Start	<b>7.54</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>7.54</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68892\_102097.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68892\_102098.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	7.54	Rating **	M	Issue No.	80 (cont)
LM End	7.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.872431 °	36.872431 °
				-120.319415 °	-120.319415 °
DWR ID	19930				

Photo 3 of 3 : UCIP\_FA\_2021\_68892\_102099.jpg



LS view: Slope from toe.

LM Start	7.91	Rating **	U	Issue No.	21
LM End	7.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.867030 °	36.867030 °
				-120.318361 °	-120.318361 °
DWR ID	DWR_NA0010_18_f_2019_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent burrows in the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_21\_20210830\_00008.jpg



Several rodent burrows observed at the landside toe. (Fall 2019)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	8.04	Rating **	M	Issue No.	81
LM End	8.04	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.865177 °	36.865177 °
				-120.317992 °	-120.317992 °
DWR ID	19931				

**Comment Code**

**Inspector Comment**

DS\_ID:19931  
FS\_ID:68253  
EP\_NO: 11615  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Not Found  
Crossing Status: Not Found  
UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 2 feet below the crown. Water line extends from a cattle water trough at the landside (LS) toe. (Plans to install livestock watering troughs and a 1-inch water pipeline through the levee, at three locations on the left bank of the Chowchilla Bypass authorized under Permit No. 11615, 1976 - John M. Lasgoity). [Additional Reference(s): DWR Levee Log, 2002].  
FS Date: 7/20/2021

LM Start	<b>8.04</b>	Rating **	M	Issue No.	<b>81 (cont)</b>
LM End	<b>8.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68253\_102101.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68253\_102102.jpg



LS view: Toe from crown, no pipe visible.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>8.04</b>	Rating **	M	Issue No.	<b>81 (cont)</b>
LM End	<b>8.04</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.865177 °	36.865177 °	
			-120.317992 °	-120.317992 °	
DWR ID	19931				

Photo 3 of 3 : UCIP\_FA\_2021\_68253\_102103.jpg



WS view: Toe from crown, no pipe visible.

LM Start	8.67	Rating **	U	Issue No.	13
LM End	8.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.856115 °	36.856115 °
				-120.316595 °	-120.316595 °
DWR ID	DWR_NA0010_18_f_2017_13				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_13\_20210830\_00003.jpg



Looking south at the landside slope.

LM Start	8.89	Rating **	U	Issue No.	18
LM End	8.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.852936 °	36.852936 °
				-120.316451 °	-120.316451 °
DWR ID	DWR_NA0010_18_f_2020_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_18\_20210830\_00007.jpg



Large rodent holes in the landside slope. (Fall 2020)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	8.99	Rating **	C	Issue No.	17
LM End	8.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			36.851459 °	36.851459 °
				-120.316387 °	-120.316387 °
DWR ID	DWR_NA0010_18_f_2020_17				
Comment Code					
Inspector Comment					

No Photos

LM Start	10.95	Rating **	M	Issue No.	5
LM End	10.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.828184 °	36.828184 °
				-120.300114 °	-120.300114 °
DWR ID	DWR_NA0010_18_s_2021_5				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	12.01	Rating **	M	Issue No.	27
LM End	12.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.813516 °	36.812350 °
				-120.305860 °	-120.306369 °
DWR ID	DWR_NA0010_18_f_2018_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes noted along this section.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	13.02	Rating **	M	Issue No.	34
LM End	13.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.799422 °	36.796908 °
				-120.308851 °	-120.308473 °
DWR ID	DWR_NA0010_18_f_2021_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_34\_20211006\_00058.jpg



View of the waterside slope looking downstream. (Fall 2021)

LM Start	13.14	Rating **	M	Issue No.	33
LM End	13.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.797801 °	36.793367 °
				-120.308612 °	-120.306006 °
DWR ID	DWR_NA0010_18_f _ 2021_33				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_137\_33\_20211006\_00059.jpg



Looking downstream along the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	13.37	Rating **	M	Issue No.	82
LM End	13.37	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.794542 °	36.794542 °
				-120.307754 °	-120.307754 °
DWR ID	19569				

**Comment Code**

**Inspector Comment**

DS\_ID:19569  
FS\_ID:68893  
EP\_NO: 13049  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/20/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS pipe inlet is across the road and behind barbed wire, could not access, limited inspection. WS pipe outlet has sediment buildup inside, recommend removal. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 36-inch reinforced concrete gravity drainage pipe through the levee, 14.8 feet below the crown. Gate structure on the waterside (WS) slope. Standpipe on the WS end. Riprap on the landside (LS) slope. (Plans to install a 36-inch reinforced concrete pipe through the levee authorized under Permit No. 13049, 1981 - Newhall Land and Farming Company). [Additional Reference(s): DWR Levee Log, 2002].  
FS Date: 7/20/2021

LM Start	<b>13.37</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>13.37</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68893\_102105.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68893\_102106.jpg



LS view: Toe from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>13.37</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>13.37</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.794542 °	36.794542 °	
			-120.307754 °	-120.307754 °	
DWR ID	19569				

Photo 3 of 3 : UCIP\_FA\_2021\_68893\_102107.jpg



LS view: Pipe inlet across road and behind barbed wire.

LM Start	<b>13.59</b>	Rating **	M	Issue No.	<b>83</b>
LM End	<b>13.59</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.792684 °	36.792684 °	
			-120.304542 °	-120.304542 °	
DWR ID	19932				

**Comment Code**

**Inspector Comment**

DS\_ID:19932  
 FS\_ID:68255  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Unauthorized Encroachment, installed decades prior  
 Crossing Status: Indicator Found  
 UCIP Comments: 07/20/2021 The record remains Non-Urgent. As previous inspection stated, contact owner to confirm alignment. Markers are visible on LS and WS but the way they are facing makes it appear that the line is going parallel to the levee and not through it. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/08/2014 Multiple markers visible along waterward and landward sides unable to confirm how many crossings go through levee. Need to contact owner to obtain additional details on crossings. (DWR UCIP - O. Magana)  
 FIELD\_STRUCT\_DESC: 6-inch natural gas pipeline of an unknown material through the levee. Pipeline extends underneath the channel.  
 [Additional Reference(s): DWR Levee Log, 2002].  
 FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68255\_102113.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	13.59	Rating **	M	Issue No.	83 (cont)
LM End	13.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.792684 °	36.792684 °
				-120.304542 °	-120.304542 °
DWR ID	19932				

Photo 2 of 3 : UCIP\_FA\_2021\_68255\_102116.jpg



LS view: Marker visible off the toe from crown.

LM Start	<b>13.59</b>	Rating **	M	Issue No.	<b>83 (cont)</b>
LM End	<b>13.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68255\_102112.jpg



LS view: Slope from toe.

LM Start	14.18	Rating **	M	Issue No.	11
LM End	14.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.785107 °	36.785107 °
				-120.300107 °	-120.300107 °
DWR ID	DWR_NA0010_18_f_2018_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

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

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	14.25	Rating **	M	Issue No.	84
LM End	14.25	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.784320 °	36.784320 °
				-120.299239 °	-120.299239 °
DWR ID	19682				
Comment Code					
Inspector Comment					
DS_ID:19682 FS_ID:68256 EP_NO: 6187 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. Confirm with owner on the status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 18-inch irrigation discharge pipe of an unknown material on the levee crown, placed in a mound fill, 2 feet deep. Pump on the riverbank. (Plans for installation of a pump on the riverbank and installation of a discharge pipe over the levee authorized under Permit No. 6187, 1967 - Newhall Land and Farming Company). FS Date: 7/20/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68256\_102117.jpg



Levee crown.

LM Start	<b>14.25</b>	Rating **	M	Issue No.	<b>84 (cont)</b>
LM End	<b>14.25</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68256\_102119.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	09/22/2021 09/22/2021	Corey Fujitani

LM Start	14.25	Rating **	M	Issue No.	84 (cont)
LM End	14.25	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.784320 °	36.784320 °
				-120.299239 °	-120.299239 °
DWR ID	19682				

Photo 3 of 3 : UCIP\_FA\_2021\_68256\_102118.jpg



WS view: Toe from crown, no pipe visible.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 22A East Side Canal			Left	5.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/10/2021 - 5/10/2021		9/20/2021 - 9/20/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	0.10	Rating **	M	Issue No.	38	
LM End	0.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.207039 °	37.207039 °	
				-120.696255 °	-120.696255 °	
DWR ID	19933					
Comment Code						
Inspector Comment						
DS_ID:19933 FS_ID:69879 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Found UCIP Comments: 06/09/2021 The record remains Non-Urgent. Limited inspection of LS due to dense vegetation; recommend removal. Limited inspection on WS due to elevated water level. No pipe inlet or outlet was visible on LS or WS. Riser on WS missing lid, causing a safety hazard. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  07/19/2016 Gate inside riser appears operable--riser lid damage. Crossing is not visible on LS due to dense vegetation. Recommend clearing dense vegetation along WS and LS slope and repairing riser cover. (O. Magana - DWR UCIP)04/15/2014 No actuator wheel on slide gate at WS shoulder. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.10), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.10), listed as a 24-inch CMP]. FS Date: 6/9/2021 12:38:00 PM						

Photo 1 of 3 : UCIP\_FA\_2021\_69879\_103853.jpg



View from levee crown. CMP riser visible on WS.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>0.10</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>0.10</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.207039 °	37.207039 °	
			-120.696255 °	-120.696255 °	
DWR ID	19933				

Photo 2 of 3 : UCIP\_FA\_2021\_69879\_103856.jpg



LS view: Toe from crown, dense vegetation.

LM Start	<b>0.10</b>	Rating **	M	Issue No.	<b>38 (cont)</b>
LM End	<b>0.10</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69879\_103854.jpg



WS view: Slope from crown, CMP riser visible at toe.

LM Start	0.87	Rating **	M	Issue No.	23
LM End	0.87	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.217802 °	37.217802 °
				-120.697416 °	-120.697416 °
DWR ID	DWR_NA0010_22A_f_2014_23				
Comment Code					
SI : Sign					
Inspector Comment					
A pulley is located on the waterside shoulder without a board permit.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_23\_20210830\_00026.jpg



Pulley on the waterside shoulder. (Fall 2020)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	39	
LM End	1.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.219615 °	37.219615 °	
				-120.697985 °	-120.697985 °	
DWR ID	19934					
Comment Code						
Inspector Comment						
DS_ID:19934 FS_ID:69772 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Owens Creek Irrigation Structure] 1 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure]. FS Date: 6/9/2021 1:03:00 PM						

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69772\_103857.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69772\_103858.jpg



LS view: From timber bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>39 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219615 °	37.219615 °	
			-120.697985 °	-120.697985 °	
DWR ID	19934				

Photo 3 of 3 : UCIP\_FA\_2021\_69772\_103859.jpg



LS view from timber bridge: wooden flashboards in metal slots.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219638 °	37.219638 °	
			-120.697991 °	-120.697991 °	
DWR ID	19719				

**Comment Code**

**Inspector Comment**

DS\_ID:19719

FS\_ID:69751

EP\_NO: N/A

Repair Type: Non-Urgent

EVAL Issue: Unauthorized Encroachment, installed decades prior

Crossing Status: Found

UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: [Owens Creek Irrigation Structure] 2 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure].

FS Date: 6/9/2021 1:24:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_69751\_103863.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219638 °	37.219638 °	
			-120.697991 °	-120.697991 °	
DWR ID	19719				

Photo 2 of 3 : UCIP\_FA\_2021\_69751\_103864.jpg



LS view from timber bridge.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>40 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69751\_103865.jpg



LS view from timber bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	41	
LM End	1.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.219662 °	37.219662 °	
				-120.698002 °	-120.698002 °	
DWR ID	19720					
Comment Code						
Inspector Comment						
DS_ID:19720 FS_ID:69752 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Owens Creek Irrigation Structure] 3 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure] FS Date: 6/9/2021 1:38:00 PM						

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69752\_103869.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69752\_103870.jpg



LS view from timber bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>41 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219662 °	37.219662 °	
			-120.698002 °	-120.698002 °	
DWR ID	19720				

Photo 3 of 3 : UCIP\_FA\_2021\_69752\_103871.jpg



LS view from timber bridge: wooden flashboards in metal slots.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219685 °	37.219685 °	
			-120.698009 °	-120.698009 °	
DWR ID	19721				

**Comment Code**

**Inspector Comment**

DS\_ID:19721  
FS\_ID:69753  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [Owens Creek Irrigation Structure] 4 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure]  
FS Date: 9/9/2021 1:43:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_69753\_103875.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219685 °	37.219685 °	
			-120.698009 °	-120.698009 °	
DWR ID	19721				

Photo 2 of 3 : UCIP\_FA\_2021\_69753\_103876.jpg



LS view from timber bridge.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>42 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69753\_103877.jpg



LS view from timber bridge: wooden flashboards in metal slots.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	43	
LM End	1.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.219709 °	37.219709 °	
				-120.698018 °	-120.698018 °	
DWR ID	19722					
Comment Code						
Inspector Comment						
DS_ID:19722 FS_ID:69754 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Owens Creek Irrigation Structure] 5 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure]. FS Date: 6/9/2021 2:10:00 PM						

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69754\_103881.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69754\_103882.jpg



LS view from timber bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>43 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219709 °	37.219709 °	
			-120.698018 °	-120.698018 °	
DWR ID	19722				

Photo 3 of 3 : UCIP\_FA\_2021\_69754\_103883.jpg



LS view from timber bridge: wooden flashboards in metal slots.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219732 °	37.219732 °	
			-120.698025 °	-120.698025 °	
DWR ID	19723				

**Comment Code**

**Inspector Comment**

DS\_ID:19723

FS\_ID:69755

EP\_NO: N/A

Repair Type: Non-Urgent

EVAL Issue: Unauthorized Encroachment, installed decades prior

Crossing Status: Found

UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)

FIELD\_STRUCT\_DESC: [Owens Creek Irrigation Structure] 6 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure]

FS Date: 6/9/2021 2:15:00 PM

Photo 1 of 3 : UCIP\_FA\_2021\_69755\_103887.jpg



View from levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219732 °	37.219732 °	
			-120.698025 °	-120.698025 °	
DWR ID	19723				

Photo 2 of 3 : UCIP\_FA\_2021\_69755\_103888.jpg



LS view from timber bridge.

LM Start	<b>1.00</b>	Rating **	M	Issue No.	<b>44 (cont)</b>
LM End	<b>1.00</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_69755\_103889.jpg



LS view from timber bridge: wooden flashboards in metal slots.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.01	Rating **	M	Issue No.	45	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.219753 °	37.219753 °	
				-120.698031 °	-120.698031 °	
DWR ID	19724					
Comment Code						
Inspector Comment						
DS_ID:19724 FS_ID:69756 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior Crossing Status: Found UCIP Comments: 06/09/2021 The record has been upgraded from No Action Needed to Non-Urgent. Structure is functioning and in good standing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)  10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: [Owens Creek Irrigation Structure] 7 of 7: 96-inch by 168-inch reinforced concrete gravity irrigation opening. Metal slots on the waterside (WS) for wooden flashboards. Timber bridge across irrigation structure. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.00), listed as a seven 8-foot by 14-foot reinforced concrete structure, known as Owens Creek Structure] FS Date: 6/9/2021 2:33:00 PM						

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69756\_103893.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69756\_103894.jpg



LS view from timber bridge.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>45 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219753 °	37.219753 °	
			-120.698031 °	-120.698031 °	
DWR ID	19724				

Photo 3 of 3 : UCIP\_FA\_2021\_69756\_103895.jpg



LS view from timber bridge: wooden flashboards in metal slots.

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>46</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.219786 °	37.219786 °	
			-120.697960 °	-120.697960 °	
DWR ID	19935				

No Photos

**Comment Code**

**Inspector Comment**

DS\_ID:19935  
 FS\_ID:69759  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Pipe Not Found  
 Crossing Status: Not Found  
 UCIP Comments: 06/09/2021 The record is Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 36-inch reinforced concrete irrigation siphon pipe through the levee, 10 feet below the crown. This pipe ties into a 24-inch corrugated metal pipe (CMP) and riser on the right bank of Owens Creek. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.02), listed as a 36-inch reinforced concrete pipe (RCP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.02), listed as a 36-inch RCP]  
 FS Date: 9/9/2021 2:37:00 PM

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.04	Rating **	M	Issue No.	22
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.220281 °	37.220281 °
				-120.698287 °	-120.698287 °
DWR ID	DWR_NA0010_22A_f_2021_22				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_22\_20211025\_00047.jpg



View of the erosion pocket on the levee slope (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>47</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.227588 °	37.227588 °	
			-120.700945 °	-120.700945 °	
DWR ID	19936				

**Comment Code**

**Inspector Comment**

DS\_ID:19936  
FS\_ID:69880  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record remains Non-Urgent. Appears abandoned due to headwall not being found on LS. (CMP) riser has no lid, causing a safety hazard; debris visible inside riser, recommend clearing out unless confirmed abandoned. Limited inspection on WS due to water and on LS due to dense vegetation, recommend removal of LS vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn. (P.Espinoza – GEI)

04/15/2014 Slide gate rusted and does not function. Headwall buried at LS toe. Pipe appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 8-inch corrugated metal gravity irrigation pipe through the levee, 7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.57), listed as a 8-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.57), listed as a 8-inch CMP]  
FS Date: 6/9/2021 2:54:00 PM

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69880\_103899.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69880\_103905.jpg



LS view: Slope from crown, dense vegetation.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>1.57</b>	Rating **	M	Issue No.	<b>47 (cont)</b>
LM End	<b>1.57</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.227588 °	37.227588 °	
			-120.700945 °	-120.700945 °	
DWR ID	19936				

Photo 3 of 3 : UCIP\_FA\_2021\_69880\_103906.jpg



LS view: Toe from crown, dense vegetation.

LM Start	1.73	Rating **	M	Issue No.	16
LM End	1.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.229779 °	37.229779 °
				-120.701797 °	-120.701797 °
DWR ID	DWR_NA0010_22A_s_2018_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes are noted around the fence line.					

No Photos

LM Start	1.75	Rating **	M	Issue No.	28
LM End	2.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.230585 °	37.242371 °
				-120.702045 °	-120.706371 °
DWR ID	DWR_NA0010_22A_f_2018_28				
Comment Code					
FE : Fence					
Inspector Comment					
A fence is located along the landside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_28\_20210830\_00027.jpg



View of fence along landside toe. (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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	1.77	Rating **	M	Issue No.	27
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230436 °	37.230436 °
				-120.701992 °	-120.701992 °
DWR ID	DWR_NA0010_22A_f_2018_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.25	Rating **	M	Issue No.	29
LM End	2.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.237050 °	37.238776 °
				-120.704393 °	-120.705028 °
DWR ID	DWR_NA0010_22A_f_2018_29				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is slope erosion from livestock, the slope is no longer 3:1.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_29\_20210830\_00028.jpg



View of waterside slope from levee crown. (Fall 2018)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	2.65	Rating **	U	Issue No.	1
LM End	2.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.242595 °	37.242595 °
				-120.706470 °	-120.706470 °
DWR ID	NA0010U22RM3.87				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U22RM3.87

07/22/2021: The erosion length was updated to 50 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection.

08/18/2020: The site has been covered with loose fill and crushed concrete pieces. The erosion will likely worsen again during the next high water.

09/12/2019: The erosion has cut into the levee prism and damaged almost half of the levee. The livestock traffic has likely caused the erosion.

LM Start	<b>2.65</b>	Rating **	U	Issue No.	<b>1 (cont)</b>
LM End	<b>2.66</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2021\_NA0010U22RM3.87\_1.JPG



7/22/2021: View of the erosion with fill and concrete looking downstream.

Photo 2 of 2 : SJR2021\_NA0010U22RM3.87\_3.JPG



8/18/2020: Close-up view of the erosion.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	2.71	Rating **	M	Issue No.	48
LM End	2.71	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.243501 °	37.243501 °
				-120.706773 °	-120.706773 °
DWR ID	19937				

**Comment Code**

**Inspector Comment**

DS\_ID:19937  
FS\_ID:69883  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record remains Non-Urgent. Appears abandoned due to no found headwall on LS toe. (CMP) riser missing lid, causing a safety hazard. Slidegate appears to be open; visible water in CMP riser. Limited inspection of WS inlet due to it being underwater at the time of survey. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn.  
(P.Espinoza – GEI) 04/15/2014 Slide gate does not function and should be repaired. Headwall at LS toe not found. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal irrigation siphon pipe through the levee, 7.5 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.72), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.72), listed as a 24-inch CMP].  
FS Date: 6/9/2021 3:03:00 PM

LM Start	<b>2.71</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>2.71</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69883\_103907.jpg



View from levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69883\_103909.jpg



LS view: Toe from crown, no headwall visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>2.71</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>2.71</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.243501 °	37.243501 °	
			-120.706773 °	-120.706773 °	
DWR ID	19937				

Photo 3 of 3 : UCIP\_FA\_2021\_69883\_103914.jpg



LS view: Slope from toe, no headwall visible.

LM Start	<b>2.82</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>2.83</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.244940 °	37.244940 °	
			-120.707467 °	-120.707467 °	
DWR ID	NA0010U22RM3.7				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U22RM3.7

07/22/2021: From 2020 to present, no significant changes were observed during the annual survey. In some areas, the levee shoulder width is up to 8 ft. There is some crushed concrete on the levee slope. 09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

LM Start	<b>2.82</b>	Rating **	U	Issue No.	<b>3 (cont)</b>
LM End	<b>2.83</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2021\_NA0010U22RM3.7\_1.JPG



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SJR2021\_NA0010U22RM3.7\_3.JPG



7/22/2021: View of the eroded levee slope looking upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	2.87	Rating **	U	Issue No.	4
LM End	2.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.245536 °	37.245536 °
				-120.708119 °	-120.708119 °
DWR ID	NA0010U22RM3.65				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U22RM3.65

07/22/2021: No significant changes were observed since the previous inspection.

08/18/2020: No vegetation visible in the area of the erosion. Noticed some crushed concrete pieces on the levee slope and a small amount of loose fill.

09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

LM Start	<b>2.87</b>	Rating **	U	Issue No.	<b>4 (cont)</b>
LM End	<b>2.88</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2021\_NA0010U22RM3.65\_1.JPG



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SJR2021\_NA0010U22RM3.65\_2.JPG



7/22/2021: View of the erosion looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	2.96	Rating **	U	Issue No.	7
LM End	2.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.246408 °	37.246408 °
				-120.709197 °	-120.709197 °
DWR ID	NA0010U22RM3.56				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U22RM3.56

07/22/2021: No significant changes were observed since the previous inspection.

08/18/2020: The erosion has been covered with loose fill and crushed concrete pieces. A nearly vertical slope remains at the levee toe in some sections. The site will likely worsen again during the next high water.

09/12/2019: The erosion has damaged entire levee slope. The livestock activity likely has caused the erosion.

LM Start	<b>2.96</b>	Rating **	U	Issue No.	<b>7 (cont)</b>
LM End	<b>2.97</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2021\_NA0010U22RM3.56\_1.JPG



7/22/2021: View of the erosion and crushed concrete on the slope.

Photo 2 of 2 : SJR2021\_NA0010U22RM3.56\_2.JPG



7/22/2021: View of the erosion looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	3.14	Rating **	U	Issue No.	2
LM End	3.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.248257 °	37.248257 °
				-120.711547 °	-120.711547 °
DWR ID	NA0010U22RM3.38				

**Comment Code**

**Inspector Comment**

Site ID: NA0010U22RM3.38

07/22/2021: No significant changes were observed since the previous inspection.

08/18/2020: The erosion has slightly worsened and cut into the levee prism. The site is immediately downstream of a tree on the levee toe.

09/12/2019: The erosion has damaged the entire levee slope. Livestock activity likely has caused the erosion.

LM Start	<b>3.14</b>	Rating **	U	Issue No.	<b>2 (cont)</b>
LM End	<b>3.15</b>	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2021\_NA0010U22RM3.38\_1.JPG



7/22/2021: View of the erosion looking downstream.

Photo 2 of 2 : SJR2021\_NA0010U22RM3.38\_4.JPG



7/22/2021: View of the erosion by the tree.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	3.44	Rating **	U	Issue No.	34
LM End	3.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251370 °	37.251370 °
				-120.715344 °	-120.715344 °
DWR ID	DWR_NA0010_22A_f_2018_34				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Broken concrete was placed on the waterside slope to prevent erosion from livestock. Concrete with rebar should be removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_34\_20210830\_00029.jpg



Fill and concrete were placed to repair erosion on the waterside slope. Concrete with rebar should be removed. (Spring 2020)

LM Start	3.47	Rating **	U	Issue No.	35
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251621 °	37.251621 °
				-120.715649 °	-120.715649 °
DWR ID	DWR_NA0010_22A_f_2018_35				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope erosion is from livestock activity. Slope stabilized with broken concrete. Concrete with rebar in it should be removed.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_35\_20211008\_00044.jpg



Fill and concrete placed on the waterside slope. Rebar should be removed for safety. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	3.64	Rating **	A/W	Issue No.	9
LM End	3.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.253362 °	37.253862 °
				-120.717873 °	-120.718507 °
DWR ID	DWR_NA0010_22A_f_2016_9				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Broken concrete has been placed to limit further erosion caused by livestock. Monitor.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_9\_20210830\_00016.jpg



View of waterside slope looking upstream. (Spring 2020)

LM Start	3.79	Rating **	A/W	Issue No.	11
LM End	3.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.254923 °	37.254923 °
				-120.719769 °	-120.719769 °
DWR ID	DWR_NA0010_22A_s_2014_11				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.81	Rating **	C	Issue No.	13
LM End	3.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255199 °	37.255199 °
				-120.720094 °	-120.720094 °
DWR ID	DWR_NA0010_22A_f_2020_13				
Comment Code					
TR : Tree or limb					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	3.82	Rating **	M	Issue No.	14
LM End	3.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.255239 °	37.255239 °
				-120.720142 °	-120.720142 °
DWR ID	DWR_NA0010_22A_f_2017_14				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Broken concrete previously placed to stabilize the slope has washed out.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_14\_20210830\_00024.jpg



Damage to the waterside slope. (Spring 2021)

LM Start	4.11	Rating **	M	Issue No.	15
LM End	4.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258353 °	37.258353 °
				-120.723824 °	-120.723824 °
DWR ID	DWR_NA0010_22A_f_2019_15				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_15\_20210830\_00025.jpg



View of erosion in the landside slope and shoulder from livestock traffic. (Fall 2019)

LM Start	4.26	Rating **	U	Issue No.	10
LM End	4.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.260111 °	37.260111 °
				-120.725900 °	-120.725900 °
DWR ID	NA0010U22RM2.25				
Comment Code					
Inspector Comment					
Site ID: NA0010U22RM2.25					
07/22/2021: From 2020 to present, no significant changes were observed during the annual survey.					
09/12/2019: Erosion has developed into the lower levee slope. Loose material was observed at the site.					

Photo 1 of 2 : SJR2021\_NA0010U22RM2.25\_1.JPG



7/22/2021: View of the erosion looking downstream.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	<b>4.26</b>	Rating **	U	Issue No.	<b>10 (cont)</b>
LM End	<b>4.30</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.260111 °	37.260111 °	
			-120.725900 °	-120.725900 °	
DWR ID	NA0010U22RM2.25				

Photo 2 of 2 : SJR2021\_NA0010U22RM2.25\_5.JPG



7/22/2021: Close-up view of the erosion looking upstream.

LM Start	4.30	Rating **	U	Issue No.	37
LM End	5.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.260111 °	37.268135 °
				-120.725900 °	-120.737130 °
DWR ID	DWR_NA0010_22A_f_2018_37				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion is cutting into the waterside slope. Some sections have been stabilized with cobble stone and broken concrete.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_37\_20210830\_00031.jpg



View of waterside slope damage looking upstream. (Fall 2020)

LM Start	4.42	Rating **	M	Issue No.	21
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261573 °	37.261573 °
				-120.727622 °	-120.727622 °
DWR ID	DWR_NA0010_22A_f _ 2021_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
District has placed a bait station at the location.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_21\_20211008\_00045.jpg



View of displaced earth and rodent holes in the landside slope. (Fall 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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	4.87	Rating **	A/W	Issue No.	8
LM End	4.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265813 °	37.265813 °
				-120.733748 °	-120.733748 °
DWR ID	DWR_NA0010_22A_f_2016_8				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Levee damage caused by animal traffic. Several sites repaired with broken concrete.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_8\_20210830\_00015.jpg



Slope damage repaired with concrete rubble on the waterside slope and shoulder. (Spring 2021)

LM Start	5.12	Rating **	M	Issue No.	6
LM End	5.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.268236 °	37.272262 °
				-120.737210 °	-120.741778 °
DWR ID	DWR_NA0010_22A_s_2012_6				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage is caused by livestock on waterside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_6\_20210830\_00011.jpg



Looking southeast at livestock erosion on waterward toe. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	5.48	Rating **	M	Issue No.	49
LM End	5.48	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.272079 °	37.272079 °
				-120.741575 °	-120.741575 °
DWR ID	19938				

**Comment Code**

**Inspector Comment**

DS\_ID:19938  
FS\_ID:69884  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/09/2021 The record remains Non-Urgent. Appears abandoned due to the LS headwall being buried in sediment and debris buildup, recommend clearing out. Inlet pipe on WS is not visible due to water in channel at the time of the survey. Limited inspection on both WS and LS pipe inlet/outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H.Dunn.  
(P.Espinoza – GEI) 04/15/2014 Need to contact owner. Pipe silted in on LS toe. Appears abandoned and if so should be done so properly.  
(W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 48-inch corrugated metal irrigation siphon pipe through the levee, 10 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. WS end capped with a 0.25-inch steel plate. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.48), listed as a 48-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.48), listed as a 48-inch CMP]  
FS Date: 6/9/2021 3:14:00 PM

LM Start	<b>5.48</b>	Rating **	M	Issue No.	<b>49 (cont)</b>
LM End	<b>5.48</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69884\_103915.jpg



View of levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69884\_103916.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	09/20/2021 09/20/2021	Corey Fujitani

LM Start	5.48	Rating **	M	Issue No.	49 (cont)
LM End	5.48	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.272079 °	37.272079 °
				-120.741575 °	-120.741575 °
DWR ID	19938				

Photo 3 of 3 : UCIP\_FA\_2021\_69884\_103919.jpg



LS view: slope and buried headwall at toe.

LM Start	5.50	Rating **	M	Issue No.	20
LM End	5.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272345 °	37.272345 °
				-120.741883 °	-120.741883 °
DWR ID	DWR_NA0010_22A_f_2021_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_138\_20\_20211008\_00046.jpg



View of rodent holes in the landside slope looking upstream. (Fall 2021)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 23 San Joaquin River			Right	10.24
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/11/2021 - 5/11/2021		9/21/2021 - 9/21/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	66
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.774386 °	36.774386 °
				-120.283709 °	-120.283709 °
DWR ID	19944				

**Comment Code**

**Inspector Comment**

DS\_ID:19944  
FS\_ID:68585  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Pipe Not Found  
Crossing Status: Not Found  
UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pile of small pipes seen on LS toe, possibly removed pipe from this DSID, contact owner to confirm status of pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn ? GEI)  
FIELD\_STRUCT\_DESC: Underground telephone conduit of an unknown size or material at the centerline of the roadway, at an unknown depth. Provide a field description of this crossing. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.00), listed as an underground telephone cable].  
FS Date: 7/19/2021

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68585\_102569.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68585\_102571.jpg



LS view: Toe from crown, no pipe visible.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>66 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.774386 °	36.774386 °	
			-120.283709 °	-120.283709 °	
DWR ID	19944				

Photo 3 of 3 : UCIP\_FA\_2021\_68585\_102572.jpg



LS view: Pile of discarded pipe off the toe from crown.

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.772713 °	36.772713 °	
			-120.280670 °	-120.280670 °	
DWR ID	19945				

**Comment Code**

**Inspector Comment**

DS\_ID:19945  
 FS\_ID:68586  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/19/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Excessive vegetation at inlet--recommend clearing. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. (Plans to construct a new discharge structure and to rehabilitate one existing diversion structure to return intercepted seepage to the San Joaquin River authorized under Permit No. 13085, 1981 - Diener, Dry River Farms). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.21), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.21), listed as a 2.5-foot by 2.5-foot RCBC]  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68586\_102573.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>67 (cont)</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.772713 °	36.772713 °
				-120.280670 °	-120.280670 °
DWR ID	19945				

Photo 2 of 3 : UCIP\_FA\_2021\_68586\_102577.jpg



LS view: Toe from crown.

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>67 (cont)</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68586\_102578.jpg



LS view: Headwall and slope from toe.

LM Start	0.21	Rating **	A/W	Issue No.	20
LM End	0.73	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.772690 °	36.774700 °
				-120.280550 °	-120.272720 °
DWR ID	219-100				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:23					
Site Designation:219-100					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	0.57	Rating **	U	Issue No.	39
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.774035 °	36.774073 °
				-120.275356 °	-120.271218 °
DWR ID	DWR_NA0010_23_f _ 2021_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_39\_20211008\_00063.jpg



Looking upstream along the waterside slope. (Fall 2021)

LM Start	1.07	Rating **	M	Issue No.	68	
LM End	1.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.772699 °	36.772699 °	
				-120.267267 °	-120.267267 °	
DWR ID	19946					
Comment Code						
Inspector Comment						
DS_ID:19946 FS_ID:68587 EP_NO: 13735 Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch coated steel gravity drainage pipe through the levee, 2 feet below the crown. Steel cutoff wall at the center of the levee. Siphon breaker with protective housing on the apex of the pipe on the landside (LS) shoulder. Galvanized siphon vent pipe on the LS shoulder. Rock revetment on the waterside (WS) slope. Roadway padded over crossing. (Plans to install two 24-inch steel discharge pipelines through the levee to dispose of seepage water collected in farm sumps Nos. 8 and 12 authorized under Permit No. 13735, 1983 - Rio Seco Farm). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.07), listed as a 24-inch steel pipe]. FS Date: 7/19/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68587\_102580.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.772699 °	36.772699 °	
			-120.267267 °	-120.267267 °	
DWR ID	19946				

Photo 2 of 3 : UCIP\_FA\_2021\_68587\_102582.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>68 (cont)</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68587\_102581.jpg



WS view: Toe from crown, no pipe visible.

LM Start	1.09	Rating **	M	Issue No.	26
LM End	1.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.772743 °	36.772743 °
				-120.266800 °	-120.266800 °
DWR ID	DWR_NA0010_23_f_2017_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Need to repair the large rodent hole on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_26\_20210830\_00006.jpg



Looking at the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	6
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.772973 °	36.772973 °
				-120.264768 °	-120.264768 °
DWR ID	DWR_NA0010_23_s_2013_6				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry bush on landside toe.					

No Photos

LM Start	1.32	Rating **	M	Issue No.	41
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.773248 °	36.774504 °
				-120.262784 °	-120.247067 °
DWR ID	DWR_NA0010_23_f_2021_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.37	Rating **	M	Issue No.	40
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.773301 °	36.775702 °
				-120.261897 °	-120.250303 °
DWR ID	DWR_NA0010_23_f_2021_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_40\_20211008\_00064.jpg



View of vegetation growing on the landside slope. (Fall 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	1.46	Rating **	M	Issue No.	69	
LM End	1.46	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.772673 °	36.772673 °	
				-120.260530 °	-120.260530 °	
DWR ID	19947					
Comment Code						
Inspector Comment						
DS_ID:19947 FS_ID:68588 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material under the levee crown, at an unknown depth. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.46), listed a a phone cable]. FS Date: 7/19/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68588\_102583.jpg



Levee crown.

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68588\_102585.jpg



LS view: Toe from crown, no pipe or powerline visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>1.46</b>	Rating **	M	Issue No.	<b>69 (cont)</b>
LM End	<b>1.46</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.772673 °	36.772673 °	
			-120.260530 °	-120.260530 °	
DWR ID	19947				

Photo 3 of 3 : UCIP\_FA\_2021\_68588\_102584.jpg



WS view: Toe from crown, no pipe or powerline visible.

LM Start	<b>1.63</b>	Rating **	M	Issue No.	<b>70</b>
LM End	<b>1.63</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.771408 °	36.771408 °	
			-120.257899 °	-120.257899 °	
DWR ID	19948				

**Comment Code**

**Inspector Comment**

DS\_ID:19948  
 FS\_ID:68589  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/19/2021 The record remains Non-Urgent.  
 Sediment buildup inside LS pipe inlet, recommend cleaning out. WS flapgate inaccessible due to barbed wire. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Appears abandoned and if so should be done properly. Discharge channel is blocked by sand and soil making drain ineffective. Soil buildup at inlet on LS toe. Need to contact owner. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
 [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.64), listed as a 30-inch square reinforced concrete box culvert [RCBC]].  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68589\_102588.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>1.63</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>1.63</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.771408 °	36.771408 °	
			-120.257899 °	-120.257899 °	
DWR ID	19948				

Photo 2 of 3 : UCIP\_FA\_2021\_68589\_102592.jpg



LS view: Toe from crown.

LM Start	<b>1.63</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>1.63</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68589\_102586.jpg



LS view: Headwall and slope from toe.

LM Start	1.90	Rating **	U	Issue No.	28
LM End	1.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.772731 °	36.772731 °
				-120.253590 °	-120.253590 °
DWR ID	DWR_NA0010_23_s_2021_28				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_28\_20210830\_00007.jpg



View of damage to the waterside slope and shoulder. (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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## Lower San Joaquin Levee District



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	2.36	Rating **	M	Issue No.	47
LM End	2.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.775128 °	36.775128 °
				-120.247661 °	-120.247661 °
DWR ID	DWR_NA0010_23_s_2020_47				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.41	Rating **	M	Issue No.	37
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.774528 °	36.774528 °
				-120.247068 °	-120.247068 °
DWR ID	DWR_NA0010_23_s_2018_37				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.85	Rating **	U	Issue No.	15
LM End	2.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771537 °	36.771537 °
				-120.240917 °	-120.240917 °
DWR ID	DWR_NA0010_23_s_2012_15				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry bush on landside toe. Growth encroaching over levee crown.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	2.93	Rating **	M	Issue No.	42
LM End	4.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771545 °	36.784108 °
				-120.239431 °	-120.226952 °
DWR ID	DWR_NA0010_23_f _ 2021_42				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.94	Rating **	M	Issue No.	43
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771543 °	36.784191 °
				-120.239296 °	-120.227480 °
DWR ID	DWR_NA0010_23_f _ 2021_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	2.98	Rating **	M	Issue No.	71	
LM End	2.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.771546 °	36.771546 °	
				-120.238517 °	-120.238517 °	
DWR ID	19951					
Comment Code						
Inspector Comment						
DS_ID:19951 FS_ID:68590 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Sediment and tumbleweed buildup over and inside LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.99), listed as a 30-inch reinforced concrete box culvert (RCBC)]. FS Date: 7/19/2021						

LM Start	<b>2.98</b>	Rating **	M	Issue No.	<b>71 (cont)</b>
LM End	<b>2.98</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68590\_102594.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68590\_102598.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	2.98	Rating **	M	Issue No.	71 (cont)
LM End	2.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.771546 °	36.771546 °
				-120.238517 °	-120.238517 °
DWR ID	19951				

Photo 3 of 3 : UCIP\_FA\_2021\_68590\_102599.jpg



LS view: Headwall and slope from toe.

LM Start	3.30	Rating **	U	Issue No.	3
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.774403 °	36.774403 °
				-120.234705 °	-120.234705 °
DWR ID	DWR_NA0010_23_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on landside toe. Growth is encroaching on the landside slope.					

No Photos

LM Start	3.45	Rating **	M	Issue No.	9
LM End	3.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776537 °	36.776537 °
				-120.234573 °	-120.234573 °
DWR ID	DWR_NA0010_23_s_2012_9				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on landside toe and berm.					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	3.64	Rating **	A/W	Issue No.	23
LM End	3.64	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.779340 °	36.779340 °
				-120.234460 °	-120.234460 °
DWR ID	219-FOC-7				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:25					
Site Designation:219-FOC-7					

No Photos

LM Start	4.13	Rating **	M	Issue No.	34
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784217 °	36.784217 °
				-120.228876 °	-120.228876 °
DWR ID	DWR_NA0010_23_s_2018_34				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes around and within the elderberry growth.					

No Photos

LM Start	4.13	Rating **	U	Issue No.	10
LM End	4.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784212 °	36.784212 °
				-120.228815 °	-120.228815 °
DWR ID	DWR_NA0010_23_s_2012_10				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on the landside toe. Growth is encroaching on the landside slope.					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	4.45	Rating **	U	Issue No.	11
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784523 °	36.784523 °
				-120.223292 °	-120.223292 °
DWR ID	DWR_NA0010_23_s_2012_11				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Control the growth of the elderberry on the landside toe and berm.					

No Photos

LM Start	4.71	Rating **	M	Issue No.	72	
LM End	4.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.787713 °	36.787713 °	
				-120.221399 °	-120.221399 °	
DWR ID	19952					
Comment Code						
Inspector Comment						
DS_ID:19952 FS_ID:68783 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Safety Issue Crossing Status: Not Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. Pipe not found by visual inspection. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee or abandonment. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  04/03/2014 Verify abandonment with gas company. Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 4-inch natural gas pipeline of an unknown material through the levee, 6 feet below the crown. Gas line gaging area and compressor station in the channel, 50 feet from the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.72), listed as a 4-inch gas line] FS Date: 7/19/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68783\_102600.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>4.71</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>4.71</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.787713 °	36.787713 °
				-120.221399 °	-120.221399 °
DWR ID	19952				

Photo 2 of 3 : UCIP\_FA\_2021\_68783\_102602.jpg



LS view: Toe from crown, no pipe or markers visible.

LM Start	<b>4.71</b>	Rating **	M	Issue No.	<b>72 (cont)</b>
LM End	<b>4.71</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68783\_102601.jpg



WS view: Toe from crown, no pipe or markers visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	4.85	Rating **	M	Issue No.	73
LM End	4.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.789550 °	36.789550 °
				-120.220367 °	-120.220367 °
DWR ID	19953				
Comment Code					
Inspector Comment					
DS_ID:19953 FS_ID:68909 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. WS pipe inlet underwater during inspection. LS pipe outlet not visible due to dense vegetation, recommend removing vegetation. Limited inspection on both WS and LS ends. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Heavy vegetation at inlet and outlet– recommend clearing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity irrigation culvert through the levee, 10.7 feet below the crown. 4.5-foot by 7-foot concrete riser with slide gate on the waterside (WS) slope. Concrete U-shaped headwall on each end. 15-foot-long cobble revetted inlet channel. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.87), listed as a 30-inch square reinforced concrete box culvert (RCBC)]. FS Date: 7/19/2021					

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>4.85</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68909\_102603.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68909\_102607.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>4.85</b>	Rating **	M	Issue No.	<b>73 (cont)</b>
LM End	<b>4.85</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.789550 °	36.789550 °
				-120.220367 °	-120.220367 °
DWR ID	19953				

Photo 3 of 3 : UCIP\_FA\_2021\_68909\_102608.jpg



LS view: Pipe outlet covered by dense vegetation at toe.

LM Start	5.68	Rating **	M	Issue No.	5
LM End	5.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.791981 °	36.791981 °
				-120.206274 °	-120.206274 °
DWR ID	DWR_NA0010_23_s_2012_5				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several large rodent holes in this area.					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_5\_20210830\_00002.jpg



Looking at several rodent holes on landside slope.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	5.68	Rating **	M	Issue No.	74
LM End	5.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °
				-120.206226 °	-120.206226 °
DWR ID	19954				

**Comment Code**

**Inspector Comment**

DS\_ID:19954  
FS\_ID:68602  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Maintenance Compliance Issue  
Crossing Status: Found  
UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS has sediment buildup in pipe inlet and buildup of tumbleweeds around pipe inlet, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 36-inch by 36-inch square reinforced concrete box gravity drainage culvert through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. 5-foot-long cobble revetted outlet channel. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.71), listed as a 36-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.71), listed as a 3-foot by 3-foot RCBC]].  
FS Date: 7/19/2021

LM Start	<b>5.68</b>	Rating **	M	Issue No.	<b>74 (cont)</b>
LM End	<b>5.68</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68602\_102646.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68602\_102650.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	5.68	Rating **	M	Issue No.	74 (cont)
LM End	5.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °
				-120.206226 °	-120.206226 °
DWR ID	19954				

Photo 3 of 3 : UCIP\_FA\_2021\_68602\_102651.jpg



LS view: Headwall and slope from toe.

LM Start	5.91	Rating **	M	Issue No.	44
LM End	6.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.790922 °	36.784071 °
				-120.202430 °	-120.200889 °
DWR ID	DWR_NA0010_23_f_2021_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	5.93	Rating **	M	Issue No.	45
LM End	6.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.790817 °	36.784286 °
				-120.202087 °	-120.200917 °
DWR ID	DWR_NA0010_23_f_2021_45				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	6.85	Rating **	M	Issue No.	24
LM End	6.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.780282 °	36.780282 °
				-120.195583 °	-120.195583 °
DWR ID	DWR_NA0010_23_f_2020_24				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_24\_20210830\_00004.jpg



Several rodent holes noted at this location. (Fall 2020)

LM Start	7.06	Rating **	M	Issue No.	75	
LM End	7.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.778783 °	36.778783 °	
				-120.192447 °	-120.192447 °	
DWR ID	19939					
Comment Code						
Inspector Comment						
DS_ID:19939 FS_ID:68604 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS pipe inlet almost completely filled with sediment, recommend removal. Water running through WS flapgate during inspection and wooden plank keeping WS flapgate closed, recommend removal before flood season for better flow. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.06), listed as a 30-inch square reinforced concrete box culvert (RCBC)]. FS Date: 7/19/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68604\_102660.jpg



Levee crown.

<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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## Lower San Joaquin Levee District

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	8.14	Rating **	M	Issue No.	48
LM End	8.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.790004 °	36.793771 °
				-120.182196 °	-120.178868 °
DWR ID	DWR_NA0010_23_f_2021_48				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	8.21	Rating **	M	Issue No.	49
LM End	8.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.791109 °	36.793842 °
				-120.182041 °	-120.178715 °
DWR ID	DWR_NA0010_23_f_2021_49				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	8.32	Rating **	M	Issue No.	31
LM End	8.32	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.792436 °	36.792436 °
				-120.181289 °	-120.181289 °
DWR ID	DWR_NA0010_23_s_2021_31				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_31\_20210830\_00009.jpg



View of rodent burrow in the levee crown. (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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	8.32	Rating **	M	Issue No.	76
LM End	8.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.792476 °	36.792476 °
				-120.181255 °	-120.181255 °
DWR ID	19940				

**Comment Code**

**Inspector Comment**

DS\_ID:19940  
FS\_ID:68605  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Levee Damage or Threat for Levee Damage  
Crossing Status: Found  
UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS pipe inlet almost complete covered by sediment, recommend clearing out. Some minor erosion along one side of the WS headwall as well as some burrow complexes on the slope adjacent to same headwall side. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014  
Some sediment buildup at inlet at LS toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 8.33), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.33), listed as a 2.5-foot by 2.5-foot RCBC]  
FS Date: 7/19/2021

LM Start	<b>8.32</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>8.32</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68605\_102669.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68605\_102670.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>8.32</b>	Rating **	M	Issue No.	<b>76 (cont)</b>
LM End	<b>8.32</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.792476 °	36.792476 °	
			-120.181255 °	-120.181255 °	
DWR ID	19940				

Photo 3 of 3 : UCIP\_FA\_2021\_68605\_102671.jpg



LS view: Headwall and slope from toe.

LM Start	<b>8.52</b>	Rating **	M	Issue No.	<b>77</b>
LM End	<b>8.52</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.794108 °	36.794108 °	
			-120.178171 °	-120.178171 °	
DWR ID	19941				

**Comment Code**

**Inspector Comment**

DS\_ID:19941  
 FS\_ID:68606  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Maintenance Compliance Issue  
 Crossing Status: Found  
 UCIP Comments: 07/19/2021 The record remains Non-Urgent. LS pipe inlet has sediment buildup inside, recommend removal. Extensive burrows above the LS headwall slope. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end.  
 [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.53), listed as a 30-inch square reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.54), listed as a 2.5-foot by 2.5-foot RCBC]  
 FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68606\_102676.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	8.52	Rating **	M	Issue No.	77 (cont)
LM End	8.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.794108 °	36.794108 °
				-120.178171 °	-120.178171 °
DWR ID	19941				

Photo 2 of 3 : UCIP\_FA\_2021\_68606\_102680.jpg



LS view: Toe from crown.

LM Start	<b>8.52</b>	Rating **	M	Issue No.	<b>77 (cont)</b>
LM End	<b>8.52</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68606\_102681.jpg



LS view: Burrow holes above headwall.

LM Start	8.55	Rating **	U	Issue No.	29
LM End	8.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.794284 °	36.795288 °
				-120.177783 °	-120.176146 °
DWR ID	DWR_NA0010_23_f_2020_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_29\_20210830\_00008.jpg



Several rodent holes observed along this section of the landside slope.  
(Fall 2020)

* 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 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	25
LM End	8.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.799606 °	36.799606 °
				-120.175395 °	-120.175395 °
DWR ID	DWR_NA0010_23_f_2016_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the waterside shoulder.					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_25\_20210830\_00005.jpg



Looking at typical view of rodent hole on waterward shoulder.

LM Start	9.02	Rating **	M	Issue No.	78
LM End	9.02	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.800262 °	36.800262 °
				-120.175100 °	-120.175100 °
DWR ID	19560				
Comment Code					
Inspector Comment					
DS_ID:19560 FS_ID:68622 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. This portion of the levee has a levee prism less than 3 feet, appears to be high ground. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 16-inch steel gravity irrigation pipe through the levee, 2 feet below the crown. Well on the waterside (WS). [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.03), listed as a 16-inch steel pipe] FS Date: 7/19/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68622\_102682.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>9.02</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>9.02</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.800262 °	36.800262 °	
			-120.175100 °	-120.175100 °	
DWR ID	19560				

Photo 2 of 3 : UCIP\_FA\_2021\_68622\_102684.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>9.02</b>	Rating **	M	Issue No.	<b>78 (cont)</b>
LM End	<b>9.02</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68622\_102683.jpg



WS view: Toe from crown, no pipe visible.

LM Start	9.10	Rating **	M	Issue No.	50
LM End	9.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.801232 °	36.804043 °
				-120.174459 °	-120.172042 °
DWR ID	DWR_NA0010_23_f_2021_50				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.11	Rating **	U	Issue No.	51
LM End	9.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.801396 °	36.804262 °
				-120.174344 °	-120.169722 °
DWR ID	DWR_NA0010_23_f _ 2021_51				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_51\_20211008\_00066.jpg



Looking upstream along the landside slope. (Fall 2021)

LM Start	9.19	Rating **	A/W	Issue No.	32
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.802456 °	36.803233 °
				-120.173675 °	-120.173162 °
DWR ID	DWR_NA0010_23_f_2017_32				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.28	Rating **	M	Issue No.	79
LM End	9.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.803536 °	36.803536 °
				-120.172940 °	-120.172940 °
DWR ID	19561				
Comment Code					
Inspector Comment					
DS_ID:19561 FS_ID:68621 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Pipe Not Found Crossing Status: Not Found UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. This portion of the levee has a levee prism less than 3 feet, appears to be high ground. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 16-inch steel gravity irrigation pipe through the levee, 2 feet below the crown. Well on the waterside (WS). [Additional Reference(s): USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.21), listed as a 16-inch steel pipe] FS Date: 7/19/2021					

LM Start	<b>9.28</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>9.28</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68621\_102685.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68621\_102686.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>9.28</b>	Rating **	M	Issue No.	<b>79 (cont)</b>
LM End	<b>9.28</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.803536 °	36.803536 °	
			-120.172940 °	-120.172940 °	
DWR ID	19561				

Photo 3 of 3 : UCIP\_FA\_2021\_68621\_102687.jpg



LS view: Pump and pipe system off the toe.

LM Start	9.74	Rating **	M	Issue No.	65
LM End	9.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.807603 °	36.807603 °
				-120.168825 °	-120.168825 °
DWR ID	DWR_NA0010_23_s_2019_65				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_65\_20210830\_00011.jpg



Depressions forming in the levee crown. (Spring 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.75	Rating **	M	Issue No.	80
LM End	9.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.807768 °	36.807768 °
				-120.168848 °	-120.168848 °
DWR ID	19943				

**Comment Code**

**Inspector Comment**

DS\_ID:19943  
FS\_ID:68911  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/19/2021 The record remains Non-Urgent. Limited access to both LS and WS due to steep slopes and vegetation. Both WS outlet and LS inlet have sediment buildup, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. This portion of the levee has a levee prism less than 3 feet, appears to be high ground. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 11/01/2018 Limited access to both LS and WS; assumed slide gates are still non-functional; Crossing has been downgraded from Urgent to Non-Urgent due to re-classification of damage slide gates. (O. Magana - DWR UCIP)07/20/2016 No change--same as previous inspection. (O. Magana - DWR UCIP)04/03/2014 Slide gate not functional. Slide gate channels heavily corroded (exfoliated) and likely impact functionality/structural integrity of gate. (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: [Gravelly Ford Canal Irrigation Structure] 1 of 2: 48-inch by 63-inch reinforced concrete box gravity irrigation culvert through the levee, 10 feet below the crown. Concrete U-shaped headwall on each end. Gear pedestal slide gate with wall bracket on the waterside (WS) headwall. 10-foot-long cobble revetted outlet channel. Guardrail on each shoulder. Slide gates on the WS. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.76), listed as a two 4.0-foot by 5.25-foot reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.76), listed as a two 5.25-foot by 4-foot barrel RCBC] FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68911\_102711.jpg



Levee crown.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>9.75</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>9.75</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.807768 °	36.807768 °	
			-120.168848 °	-120.168848 °	
DWR ID	19943				

Photo 2 of 3 : UCIP\_FA\_2021\_68911\_102708.jpg



LS view: Toe from crown.

LM Start	<b>9.75</b>	Rating **	M	Issue No.	<b>80 (cont)</b>
LM End	<b>9.75</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68911\_102709.jpg



LS view: Slope and headwall from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.75	Rating **	M	Issue No.	81
LM End	9.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.807777 °	36.807777 °
				-120.168843 °	-120.168843 °
DWR ID	19980				

**Comment Code**

**Inspector Comment**

DS\_ID:19980  
FS\_ID:68912  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 07/19/2021 The record remains Non-Urgent. Limited access to both LS and WS due to steep slopes and vegetation. Both WS outlet and LS inlet have sediment buildup, recommend clearing out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. This portion of the levee has a levee prism less than 3 feet, appears to be high ground. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 11/01/2018 Limited access to both LS and WS; assumed slide gates are still non-functional; Crossing has been downgraded from Urgent to Non-Urgent due to re-classification of damage slide gates. (O. Magana - DWR UCIP)07/20/2016 No change--same as previous inspection. (O. Magana - DWR UCIP)04/03/2014 Slide gate not functional. Slide gate channels heavily corroded (exfoliated) and likely impact functionality/structural integrity of gate. (W. Wylie - DWR UCIP) FIELD\_STRUCT\_DESC: [Gravelly Ford Canal Irrigation Structure] 2 of 2: 48-inch by 63-inch reinforced concrete box gravity irrigation culvert through the levee, 10 feet below the crown. Concrete U-shaped headwall on each end. Gear pedestal slide gate with wall bracket on the waterside (WS) headwall. 10-foot-long cobble revetted outlet channel. Guardrail on each shoulder. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.76), listed as a two 4.0-foot by 5.25-foot reinforced concrete box culvert (RCBC). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.76), listed as a two 5.25-foot by 4-foot barrel RCBC].  
FS Date: 7/19/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68912\_102718.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	<b>9.75</b>	Rating **	M	Issue No.	<b>81 (cont)</b>
LM End	<b>9.75</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.807777 °	36.807777 °	
			-120.168843 °	-120.168843 °	
DWR ID	19980				

Photo 2 of 3 : UCIP\_FA\_2021\_68912\_102715.jpg



LS view: Toe from crown.

LM Start	<b>9.75</b>	Rating **	M	Issue No.	<b>81 (cont)</b>
LM End	<b>9.75</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68912\_102716.jpg



LS view: Slope and headwall from toe.

LM Start	9.76	Rating **	M	Issue No.	58
LM End	9.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.807810 °	36.808553 °
				-120.168829 °	-120.168827 °
DWR ID	DWR_NA0010_23_f _ 2018_58				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Woody vegetation is partially blocking crown and landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_139\_58\_20210830\_00010.jpg



Woody vegetation on landside toe obstructing landside of crown. (Spring 2021)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.82	Rating **	M	Issue No.	82
LM End	9.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.808749 °	36.808749 °
				-120.168824 °	-120.168824 °
DWR ID	19684				

**Comment Code**

**Inspector Comment**

DS\_ID:19684  
FS\_ID:68618  
EP\_NO: 15399  
Repair Type: Non-Urgent  
EVAL Issue: Safety Issue  
Crossing Status: Indicator Found  
UCIP Comments: 07/19/2021 The record has been upgraded from No Action Needed to Non-Urgent. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. This portion of the levee has a levee prism less than 3 feet, appears to be high ground. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI11/30/2015 Markers are now present at this location for gas line. Photos provided by DWR Inspector in November 2015. (O. Magana - DWR UCIP)04/03/2014 Need to install gasoline markers at crossing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 6-inch coated steel natural gas pipeline through the levee, at an unknown depth. Location identified on Pacific Gas and Electric Company (PG&E) website. No signs on levee.  
FS Date: 7/19/2021

LM Start	<b>9.82</b>	Rating **	M	Issue No.	<b>82 (cont)</b>
LM End	<b>9.82</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68618\_102724.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68618\_102727.jpg



LS view: Toe from crown, manhole visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	09/21/2021 09/21/2021	Corey Fujitani

LM Start	9.82	Rating **	M	Issue No.	82 (cont)
LM End	9.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.808749 °	36.808749 °
				-120.168824 °	-120.168824 °
DWR ID	19684				

Photo 3 of 3 : UCIP\_FA\_2021\_68618\_102728.jpg



LS view: Slope from toe.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 24 San Joaquin River			Left	8.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/12/2021 - 5/12/2021		9/22/2021 - 9/22/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	267
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.773289 °	36.773289 °
				-120.285198 °	-120.285198 °
DWR ID	19982				

**Comment Code**

**Inspector Comment**

DS\_ID:19982  
FS\_ID:68628  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/20/2021 The record has been upgraded from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: [San Joaquin River Control Structure] Four 216-inch by 240-inch reinforced concrete box gravity drainage culvert openings with electrically operated gates. Trash racks in front of the gates. Wing walls on the downstream side of the structure. Bridge across the structure to the right bank levee of the Chowchilla Canal Bypass. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.00), listed as four 18-foot by 20-foot openings with electrically operated gates]  
FS Date: 7/20/2021

LM Start	0.00	Rating **	M	Issue No.	267 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68628\_102745.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68628\_102744.jpg



LS view: Inlets and headwall visible from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>267 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.773289 °	36.773289 °	
			-120.285198 °	-120.285198 °	
DWR ID	19982				

Photo 3 of 3 : UCIP\_FA\_2021\_68628\_102747.jpg



LS view: Closeup of inlet at toe.

LM Start	0.05	Rating **	M	Issue No.	37
LM End	3.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.772488 °	36.769055 °
				-120.285178 °	-120.237589 °
DWR ID	DWR_NA0010_24_f_2021_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_37\_20211008\_00051.jpg



Looking downstream at vegetation along the landside slope. (Fall 2021)

LM Start	0.06	Rating **	M	Issue No.	47
LM End	0.06	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.772328 °	36.772328 °
				-120.285117 °	-120.285117 °
DWR ID	DWR_NA0010_24_s_2014_47				
Comment Code					
MA : Material					
Inspector Comment					
The District constructed a berm on waterside slope. The berm is being used for staging of earthen material.					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_47\_20210830\_00012.jpg



Berm and material constructed off the waterside slope. (Fall 2020)

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>0.45</b>	Rating **	M	Issue No.	<b>268</b>
LM End	<b>0.45</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.767504 °	36.767504 °	
			-120.283481 °	-120.283481 °	
DWR ID	19685				

**Comment Code**

**Inspector Comment**

DS\_ID:19685  
 FS\_ID:68915  
 EP\_NO: 15399  
 Repair Type: Non-Urgent  
 EVAL Issue: Safety Issue  
 Crossing Status: Not Found  
 UCIP Comments: 07/20/2021 The record is Non-Urgent. Pipe not found by visual inspection. As a safety measure, need to coordinate with owner to determine status of line and to obtain maintenance and inspection records to confirm integrity of line through the levee. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 6-inch coated steel natural gas pipeline through the levee, 3 feet below the crown. Control valve 10 feet off the landside (LS) toe. Pipeline extends under the channel and through the levee on the opposite bank. (Plans to install a 6-inch welded steel natural gas pipeline under the channel and within both levees of the San Joaquin River and the Chowchilla Bypass authorized under Permit No. 15399, 1990 - California Gas Gathering, Inc.).  
 FS Date: 7/20/2021

LM Start	<b>0.45</b>	Rating **	M	Issue No.	<b>268 (cont)</b>
LM End	<b>0.45</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68915\_102757.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68915\_102759.jpg



LS view: Toe from crown, no pipe visible.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>0.45</b>	Rating **	M	Issue No.	<b>268 (cont)</b>
LM End	<b>0.45</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.767504 °	36.767504 °	
			-120.283481 °	-120.283481 °	
DWR ID	19685				

Photo 3 of 3 : UCIP\_FA\_2021\_68915\_102758.jpg



WS view: Toe from crown, no pipe visible.

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>269</b>
LM End	<b>0.50</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.766872 °	36.766872 °	
			-120.283212 °	-120.283212 °	
DWR ID	19955				

**Comment Code**

**Inspector Comment**

DS\_ID:19955  
 FS\_ID:68631  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/20/2021 The record remains Non-Urgent. Cannot access LS inlet due to barbed wire, but appears to have sediment buildup. WS flapgate inaccessible due to steep hill and dense vegetation, recommend clearing vegetation and sediment out on both WS and LS inlet/outlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)04/08/2014 No access available to confirm condition of landward side headwall. Recommend clearing debris along fence. Surface erosion near concrete headwall on landward side was present. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 13.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.49), listed as a 30-inch square concrete culvert].  
 FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68631\_102762.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>269 (cont)</b>
LM End	<b>0.50</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.766872 °	36.766872 °	
			-120.283212 °	-120.283212 °	
DWR ID	19955				

Photo 2 of 3 : UCIP\_FA\_2021\_68631\_102763.jpg



LS view: Toe from crown.

LM Start	<b>0.50</b>	Rating **	M	Issue No.	<b>269 (cont)</b>
LM End	<b>0.50</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68631\_102764.jpg



LS view: Top of headwall at toe.

LM Start	0.80	Rating **	M	Issue No.	6
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.766553 °	36.766962 °
				-120.278947 °	-120.278602 °
DWR ID	DWR_NA0010_24_s_2013_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes identified within this section.					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_6\_20210830\_00001.jpg



Rodent burrows in the landside slope. (Spring 2020)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	0.85	Rating **	A/W	Issue No.	12
LM End	0.86	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.767150 °	36.767250 °
				-120.278440 °	-120.278350 °
DWR ID	220-107				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:14					
Site Designation:220-107					

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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## Lower San Joaquin Levee District

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.06</b>	Rating **	M	Issue No.	<b>270 (cont)</b>
LM End	<b>1.06</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.769574 °	36.769574 °
				-120.276253 °	-120.276253 °
DWR ID	19961				

Photo 3 of 3 : UCIP\_FA\_2021\_68916\_102772.jpg



LS view: Slope from toe.

LM Start	1.16	Rating **	M	Issue No.	38
LM End	3.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.770765 °	36.769965 °
				-120.275208 °	-120.244571 °
DWR ID	DWR_NA0010_24_f_2021_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	1.75	Rating **	M	Issue No.	271
LM End	1.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.771065 °	36.771065 °
				-120.266294 °	-120.266294 °
DWR ID	19962				

**Comment Code**

**Inspector Comment**

DS\_ID:19962  
FS\_ID:68917  
EP\_NO: 13085  
Repair Type: Non-Urgent  
EVAL Issue: Abandoned encroachment  
Crossing Status: Indicator Found  
UCIP Comments: 07/20/2021 The record remains Non-Urgent. No pipe inlet/outlet found on WS or LS. Only small riser indicator seen on the LS shoulder. Appears abandoned due to no actual pipe, cutoff wall, riprap, or vent pipe visible. Confirm with owner on the alignment and status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/08/2014 Need to contact owner to determine status. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 20-inch coated steel gravity drainage pipe through the levee, 2 feet below the crown. Pipe encased in concrete through the levee crown. Steel cutoff wall around the pipe at each shoulder. Siphon breaker installed on the apex of the pipe on the landside (LS) shoulder. Vent pipe on LS shoulder. Rock riprap on the waterside (WS) slope. (Plans to construct a new discharge structure and to rehabilitate one existing diversion structure to return intercepted seepage to the San Joaquin River authorized under Permit No. 13085, 1981 - Diener, Dry River Farms). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.75), listed as a 20-inch steel pipe].  
FS Date: 7/20/2021

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>271 (cont)</b>
LM End	<b>1.75</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68917\_102777.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68917\_102778.jpg



LS view: Small riser visible on the slope from the crown.

* 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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>1.75</b>	Rating **	M	Issue No.	<b>271 (cont)</b>
LM End	<b>1.75</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.771065 °	36.771065 °	
			-120.266294 °	-120.266294 °	
DWR ID	19962				

Photo 3 of 3 : UCIP\_FA\_2021\_68917\_102779.jpg



LS view: Slope from crown, no pipe visible.

LM Start	1.75	Rating **	M	Issue No.	23
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.771119 °	36.771119 °
				-120.266173 °	-120.266173 °
DWR ID	DWR_NA0010_24_s_2018_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.48	Rating **	M	Issue No.	29
LM End	2.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770007 °	36.770007 °
				-120.254027 °	-120.254027 °
DWR ID	DWR_NA0010_24_f_2019_29				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>272</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.771742 °	36.771742 °	
			-120.250929 °	-120.250929 °	
DWR ID	19963				

**Comment Code**

**Inspector Comment**

DS\_ID:19963  
FS\_ID:68918  
EP\_NO: 13735  
Repair Type: Non-Urgent  
EVAL Issue: Abandoned encroachment  
Crossing Status: Indicator Found  
UCIP Comments: 07/20/2021 The record remains Non-Urgent. No pipe inlet or outlet found on WS or LS. Only siphon breaker on LS slope and well pump seen off the LS toe. Appears abandoned due to no actual pipe, cutoff wall, or vent pipe seen. Confirm with the owner on alignment and status of this pipe. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/08/2014 Unable to confirm status of crossing. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch coated steel drainage discharge pipe through the levee, 2 feet below the crown. Crown roadway has been padded 1 foot. Steel cutoff wall around the pipe at the centerline of the levee. Pump on the landside (LS). Siphon breaker on the apex of the pipe on the LS shoulder. Galvanized siphon vent pipe on the LS shoulder. (Plans to install two 24-inch steel discharge pipelines through the levee to dispose of seepage water collected in farm sumps Nos. 8 and 12 authorized under Permit No. 13735, 1983 - Rio Seco Farm).  
[Additional Reference(s): DWR Levee Log, 2002 (HLM 2.68) listed as a 24-inch steel pipe].  
FS Date: 7/20/2021

LM Start	<b>2.69</b>	Rating **	M	Issue No.	<b>272 (cont)</b>
LM End	<b>2.69</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68918\_102784.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68918\_102785.jpg



LS view: Siphon breaker visible on slope from crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	2.69	Rating **	M	Issue No.	272 (cont)
LM End	2.69	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.771742 °	36.771742 °
				-120.250929 °	-120.250929 °
DWR ID	19963				

Photo 3 of 3 : UCIP\_FA\_2021\_68918\_102786.jpg



LS view: Well and pump station off the toe.

LM Start	2.77	Rating **	M	Issue No.	39
LM End	2.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.772289 °	36.772289 °
				-120.249693 °	-120.249693 °
DWR ID	DWR_NA0010_24_f_2021_39				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_39\_20211008\_00052.jpg



Damage to the landside slope from vehicle traffic. (Fall 2021)

LM Start	2.85	Rating **	A/W	Issue No.	13
LM End	2.85	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.772060 °	36.772060 °
				-120.248370 °	-120.248370 °
DWR ID	220-1				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:12					
Site Designation:220-1					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	3.05	Rating **	U	Issue No.	51
LM End	3.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770146 °	36.769796 °
				-120.245703 °	-120.243035 °
DWR ID	DWR_NA0010_24_s_2019_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_51\_20210830\_00013.jpg



View of rodent holes in landside slope. (Spring 2019)

LM Start	3.05	Rating **	M	Issue No.	31
LM End	3.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770132 °	36.770132 °
				-120.245597 °	-120.245597 °
DWR ID	DWR_NA0010_24_f_2018_31				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes in the waterside shoulder.					

No Photos

LM Start	3.46	Rating **	M	Issue No.	7
LM End	3.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.769345 °	36.769345 °
				-120.238370 °	-120.238370 °
DWR ID	DWR_NA0010_24_s_2012_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are several rodent holes on the landside slope.					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_7\_20210830\_00002.jpg



Looking east at one of several rodent holes on landward slope.

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	3.53	Rating **	A/W	Issue No.	15
LM End	3.53	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.768910 °	36.768910 °
				-120.237180 °	-120.237180 °
DWR ID	220-4				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:13					
Site Designation:220-4					

No Photos

LM Start	3.53	Rating **	M	Issue No.	28
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.768886 °	36.768531 °
				-120.237154 °	-120.236226 °
DWR ID	DWR_NA0010_24_f_2019_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_28\_20210830\_00011.jpg



View of rodent burrows in the landside slope. (Fall 2019)

LM Start	3.70	Rating **	A/W	Issue No.	16
LM End	3.76	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Seepage / Sandboils			36.767840 °	36.767760 °
				-120.234340 °	-120.233380 °
DWR ID	220-105				
Comment Code					
Inspector Comment					
2017 Storm Damage					
Site ID No:15					
Site Designation:220-105					

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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>4.06</b>	Rating **	M	Issue No.	<b>273</b>
LM End	<b>4.06</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.769238 °	36.769238 °	
			-120.228588 °	-120.228588 °	
DWR ID	19964				

**Comment Code**

**Inspector Comment**

DS\_ID:19964  
FS\_ID:69550  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Unauthorized Encroachment, installed decades prior  
Crossing Status: Found  
UCIP Comments: 07/20/2021 The record remains Non-Urgent. No inlet or outlet found on WS or LS. Slidegate found on WS slope and concrete riser visible off the LS toe. Appears abandoned, no pump attached. Confirm with owner on the alignment and status of this pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/08/2014 Unable to confirm crossing alignment and appurtenances associated with this crossing. Multiple stand pipes visible on landward side. Need to contact owner to determine status of crossing and alignment. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 30-inch by 30-inch square reinforced concrete box drainage discharge culvert through the levee, 12.5 feet below the crown. Pump on the landside (LS). Concrete riser with slide gate on the waterside (WS) slope. Screw gate on the LS shoulder. (Plans to construct a new discharge structure and to rehabilitate one existing diversion structure to return intercepted seepage to the San Joaquin River authorized under Permit No. 13085, 1981 - Diener, Dry River Farms). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.05), listed as a 30-inch square reinforced concrete box culvert (RCBC)].  
FS Date: 7/20/2021

LM Start	<b>4.06</b>	Rating **	M	Issue No.	<b>273 (cont)</b>
LM End	<b>4.06</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69550\_102802.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69550\_102806.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>4.06</b>	Rating **	M	Issue No.	<b>273 (cont)</b>
LM End	<b>4.06</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.769238 °	36.769238 °	
			-120.228588 °	-120.228588 °	
DWR ID	19964				

Photo 3 of 3 : UCIP\_FA\_2021\_69550\_102800.jpg



LS view: Slope from toe, no pipe visible.

LM Start	4.36	Rating **	M	Issue No.	36
LM End	5.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.773203 °	36.782231 °
				-120.230685 °	-120.223453 °
DWR ID	DWR_NA0010_24_f_2021_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	4.88	Rating **	M	Issue No.	35
LM End	5.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.780412 °	36.782925 °
				-120.231687 °	-120.220654 °
DWR ID	DWR_NA0010_24_f_2021_35				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	5.30	Rating **	M	Issue No.	266
LM End	5.30	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.781960 °	36.781960 °
				-120.224496 °	-120.224496 °
DWR ID	DWR_NA0010_24_s_2015_266				
Comment Code					
MA : Material					
Inspector Comment					
Rocks are stockpiled near the waterside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_266\_20210830\_00014.jpg



Stockpile of rock kept in the river channel. (Spring 2021)

LM Start	5.40	Rating **	M	Issue No.	25
LM End	5.40	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.782397 °	36.782397 °
				-120.222815 °	-120.222815 °
DWR ID	DWR_NA0010_24_s_2021_25				
Comment Code					
MA : Material					
Inspector Comment					
Rocks are stockpiled near the waterside toe.					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_25\_20210830\_00010.jpg



Stockpile of rock kept at the waterside toe and river channel. (Spring 2021)

LM Start	5.66	Rating **	M	Issue No.	20
LM End	5.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784215 °	36.784215 °
				-120.218882 °	-120.218882 °
DWR ID	DWR_NA0010_24_f_2020_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_20\_20210830\_00008.jpg



Rodent holes at the landside toe. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Lower San Joaquin Levee District

No Photos

No Photos

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>6.09</b>	Rating **	M	Issue No.	<b>274</b>
LM End	<b>6.09</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.787864 °	36.787864 °	
			-120.213912 °	-120.213912 °	
DWR ID	19956				

**Comment Code**

**Inspector Comment**

DS\_ID:19956  
 FS\_ID:68920  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/20/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection due to some vegetation covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Levee prism appears less than 3 feet in height. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.09), listed as a 24-inch corrugated metal pipe (CMP)].  
 FS Date: 7/20/2021

LM Start	<b>6.09</b>	Rating **	M	Issue No.	<b>274 (cont)</b>
LM End	<b>6.09</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68920\_102809.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_68920\_102813.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>6.09</b>	Rating **	M	Issue No.	<b>274 (cont)</b>
LM End	<b>6.09</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.787864 °	36.787864 °	
			-120.213912 °	-120.213912 °	
DWR ID	19956				

Photo 3 of 3 : UCIP\_FA\_2021\_68920\_102807.jpg



LS view: Slope from toe.

LM Start	6.34	Rating **	U	Issue No.	18
LM End	6.34	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.788192 °	36.788192 °
				-120.209528 °	-120.209528 °
DWR ID	DWR_NA0010_24_f_2020_18				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings piled on the waterside berm.					

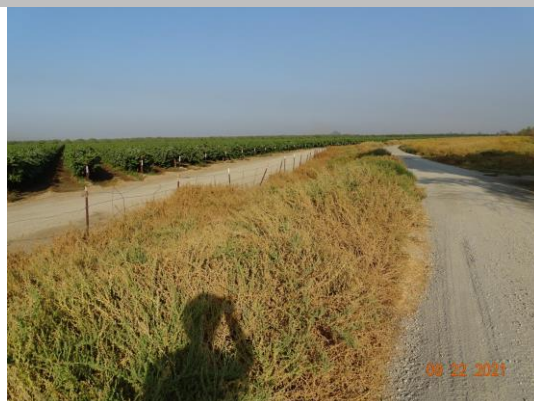
Photo 1 of 1 : FA\_2021\_NA0010\_140\_18\_20210830\_00006.jpg



Pruning pile left on the waterside toe. (Fall 2020)

LM Start	6.60	Rating **	U	Issue No.	30
LM End	7.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.788380 °	36.779380 °
				-120.205388 °	-120.199062 °
DWR ID	DWR_NA0010_24_f_2021_30				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_30\_20211008\_00053.jpg



View of vegetation on the landside slope. (Fall 2021)

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

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

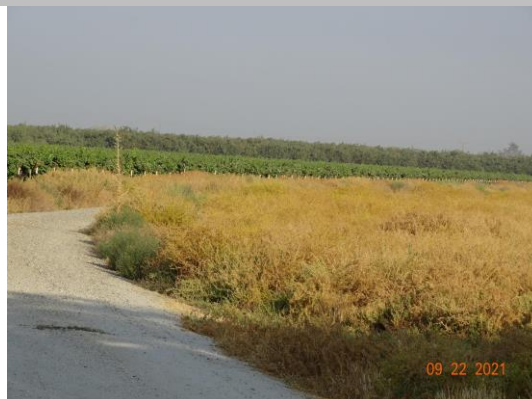
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	6.60	Rating **	U	Issue No.	32
LM End	7.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.788380 °	36.779650 °
				-120.205385 °	-120.199465 °
DWR ID	DWR_NA0010_24_f _ 2021_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_32\_20211008\_00054.jpg



Looking downstream along the waterside slope. (Fall 2021)

LM Start	6.73	Rating **	M	Issue No.	275	
LM End	6.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			36.786632 °	36.786632 °	
				-120.204733 °	-120.204733 °	
DWR ID	19957					
Comment Code						
Inspector Comment						
DS_ID:19957 FS_ID:68922 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/20/2021 The record remains Non-Urgent. Limited inspection due to some vegetation covering LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The levee prism appears to be less than 3 feet. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 7/20/2016 same as previous inspection. Crossing has been downgraded from Urgent to Non-Urgent PVC does not prevent WS flap gate from closing. (O. Magana - DWR UCIP)4/08/2014 Unauthorized PVC pipe through existing crossing. PVC distorted inside--Need to contact owner to correct issue. If crossing was allowed need to contact owner for permit number issue for crossing variance. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 3.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.72), listed as a 24-inch corrugated metal pipe (CMP)]. FS Date: 7/20/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68922\_102819.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>6.73</b>	Rating **	M	Issue No.	<b>275 (cont)</b>
LM End	<b>6.73</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.786632 °	36.786632 °	
			-120.204733 °	-120.204733 °	
DWR ID	19957				

Photo 2 of 3 : UCIP\_FA\_2021\_68922\_102820.jpg



LS view: Toe from crown.

LM Start	<b>6.73</b>	Rating **	M	Issue No.	<b>275 (cont)</b>
LM End	<b>6.73</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68922\_102814.jpg



LS view: Closeup of pipe inlet at toe with vegetation overgrowth.

LM Start	6.86	Rating **	M	Issue No.	14
LM End	6.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784716 °	36.784716 °
				-120.204043 °	-120.204043 °
DWR ID	DWR_NA0010_24_f_2020_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_14\_20210830\_00005.jpg



Rodent burrow on the landside slope. (Fall 2020)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	7.33	Rating **	U	Issue No.	21
LM End	7.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.779416 °	36.779416 °
				-120.199091 °	-120.199091 °
DWR ID	DWR_NA0010_24_s_2021_21				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_21\_20210830\_00009.jpg



Tree limb fallen on the waterside slope. (Spring 2021)

LM Start	7.35	Rating **	U	Issue No.	10
LM End	7.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.779209 °	36.775239 °
				-120.198886 °	-120.191872 °
DWR ID	DWR_NA0010_24_f _ 2020_10				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_10\_20210830\_00003.jpg



View of the waterside slope looking downstream. (Fall 2020)

LM Start	7.38	Rating **	M	Issue No.	19
LM End	7.38	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.778838 °	36.778838 °
				-120.198478 °	-120.198478 °
DWR ID	DWR_NA0010_24_s_2019_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_19\_20210830\_00007.jpg



View of tree punings left on waterside shoulder. (Spring 2019)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	7.64	Rating **	M	Issue No.	276
LM End	7.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.775949 °	36.775949 °
				-120.195636 °	-120.195636 °
DWR ID	19958				
Comment Code					
Inspector Comment					
DS_ID:19958 FS_ID:68923 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 07/20/2021 The record has been upgraded from No Action Needed to Non-Urgent. Limited inspection due to LS pipe inlet covered by sediment and WS flapgate covered by vegetation debris, recommend clearing out both sides. Levee prism appears to be less than 3 feet in height. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal gravity drainage pipe through the levee, 2.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.63), listed as a 12-inch corrugated metal pipe (CMP)]. FS Date: 7/20/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68923\_102827.jpg



Levee crown.

LM Start	<b>7.64</b>	Rating **	M	Issue No.	<b>276 (cont)</b>
LM End	<b>7.64</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68923\_102828.jpg



LS view: Headwall just visible at toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	7.64	Rating **	M	Issue No.	276 (cont)
LM End	7.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			36.775949 °	36.775949 °
				-120.195636 °	-120.195636 °
DWR ID	19958				

Photo 3 of 3 : UCIP\_FA\_2021\_68923\_102829.jpg



LS view: Headwall and slope from toe.

LM Start	7.83	Rating **	A/W	Issue No.	11
LM End	7.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.775271 °	36.775271 °
				-120.192400 °	-120.192400 °
DWR ID	DWR_NA0010_24_f_2019_11				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_140\_11\_20210830\_00004.jpg



Looking East down the waterside slope. (Fall 2019)

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

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

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>8.16</b>	Rating **	M	Issue No.	<b>277</b>
LM End	<b>8.16</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.776638 °	36.776638 °	
			-120.186738 °	-120.186738 °	
DWR ID	19959				

**Comment Code**

**Inspector Comment**

DS\_ID:19959  
FS\_ID:69551  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Indicator Found  
UCIP Comments: 07/20/2021 The record is Non-Urgent. Possible WS headwall visible from the crown but inaccessible due to fences, limited inspection. Appears removed or abandoned due to no cobble outlet channel or outlet visible on the LS. LS end is completely flat and adjacent to a working farm. DWR DMP geophysical study 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 was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Levee prism appears to be less than 3 feet in height. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  
FIELD\_STRUCT\_DESC: 36-inch reinforced concrete gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the WS end. 10-foot cobble revetted outlet channel. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.16), listed as a 36-inch concrete pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.15), listed as a 36-inch concrete pipe].  
FS Date: 7/20/2021

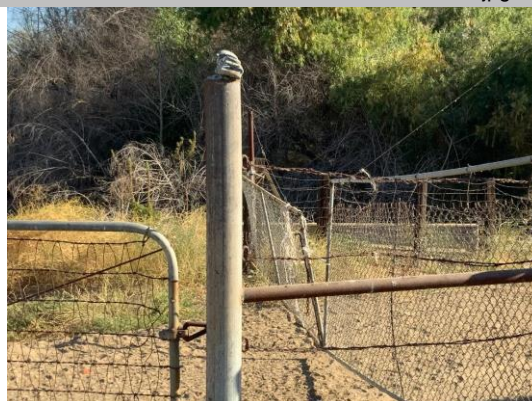
LM Start	<b>8.16</b>	Rating **	M	Issue No.	<b>277 (cont)</b>
LM End	<b>8.16</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_69551\_102857.jpg



Levee crown.

Photo 2 of 3 : UCIP\_FA\_2021\_69551\_102856.jpg



LS view: Top of a headwall barely visible behind fences from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	<b>8.16</b>	Rating **	M	Issue No.	<b>277 (cont)</b>
LM End	<b>8.16</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		36.776638 °	36.776638 °	
			-120.186738 °	-120.186738 °	
DWR ID	19959				

Photo 3 of 3 : UCIP\_FA\_2021\_69551\_102858.jpg



WS view: Toe from crown, no pipe visible.

LM Start	<b>8.33</b>	Rating **	M	Issue No.	<b>278</b>
LM End	<b>8.33</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		36.778084 °	36.778084 °	
			-120.184454 °	-120.184454 °	
DWR ID	19960				

**Comment Code**

**Inspector Comment**

DS\_ID:19960  
 FS\_ID:68925  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 07/20/2021 The record remains Non-Urgent. WS outlet filled with sediment, recommend cleaning out. LS pipe inlet not found, likely buried under dirt, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Levee prism appears to be less than 3 feet in height. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 04/08/2014 Barbed wire along levee shoulder--no access. Need to confirm crossing size and condition of crossing. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 12-inch reinforced concrete gravity drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.33), listed as a 12-inch concrete pipe. USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.32), listed as a 12-inch concrete pipe]  
 FS Date: 7/20/2021

Photo 1 of 3 : UCIP\_FA\_2021\_68925\_102859.jpg



Levee crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	09/22/2021 09/22/2021	Corey Fujitani

LM Start	8.33	Rating **	M	Issue No.	278 (cont)
LM End	8.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.778084 °	36.778084 °
				-120.184454 °	-120.184454 °
DWR ID	19960				

Photo 2 of 3 : UCIP\_FA\_2021\_68925\_102863.jpg



LS view: Toe from crown, no pipe visible.

LM Start	<b>8.33</b>	Rating **	M	Issue No.	<b>278 (cont)</b>
LM End	<b>8.33</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68925\_102864.jpg



LS view: Slope from toe, no pipe visible.

<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  
Unit Cover Sheet**

**Lower San Joaquin Levee District**

Waterway			Bank	Unit Miles
Unit No. 25 Salt Slough			Right	2.49
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	5/7/2021 - 5/7/2021		9/13/2021 - 9/13/2021	
DWR Inspector	Corey Fujitani		Corey Fujitani	
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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.296282 °	37.296282 °
				-120.880694 °	-120.880694 °
DWR ID	DWR_NA0010_25_f _ 2021_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA\_2021\_NA0010\_141\_7\_20211008\_00020.jpg



Looking upstream along the landside slope. (Fall 2021)

LM Start	0.02	Rating **	M	Issue No.	15	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.296038 °	37.296038 °	
				-120.880742 °	-120.880742 °	
DWR ID	19965					
Comment Code						
Inspector Comment						
DS_ID:19965 FS_ID:68238 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Landside (LS) pipe inlet has some vegetation and sediment buildup, recommend cleaning out. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)  05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side-- recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.01), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.02), listed as a 24-inch CMP] FS Date: 6/8/2021						

Photo 1 of 3 : UCIP\_FA\_2021\_68238\_100680.jpg



Levee crown looking upstream.

<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**

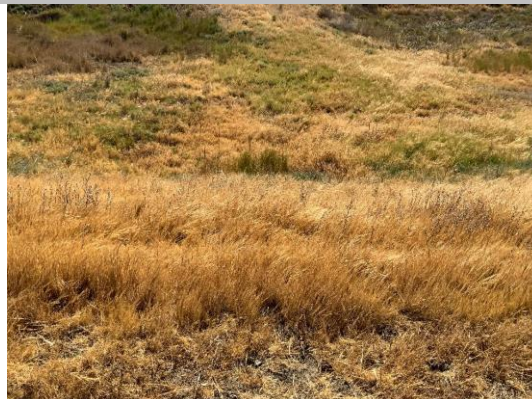
**Levee Inspection Report By Mile - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.02</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296038 °	37.296038 °
				-120.880742 °	-120.880742 °
DWR ID	19965				

Photo 2 of 3 : UCIP\_FA\_2021\_68238\_100681.jpg



LS view: Toe from crown.

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.02</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_68238\_100682.jpg



LS view: Slope and headwall from toe.

LM Start	0.04	Rating **	C	Issue No.	9
LM End	0.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.295737 °	37.287757 °
				-120.880742 °	-120.880647 °
DWR ID	DWR_NA0010_25_s_2021_9				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
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	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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.36	Rating **	M	Issue No.	16	
LM End	0.36	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.291173 °		37.291173 °
				-120.880731 °		-120.880731 °
DWR ID	19966					
Comment Code						
Inspector Comment						
DS_ID:19966 FS_ID:68240 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Limited Inspection/No UCIP Evaluation Crossing Status: Found UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet and headwall, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.36), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.35), listed as a 24-inch CMP]. FS Date: 6/8/2021						

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_68240\_100698.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_68240\_100699.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>0.36</b>	Rating **	M	Issue No.	<b>16 (cont)</b>
LM End	<b>0.36</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.291173 °	37.291173 °	
			-120.880731 °	-120.880731 °	
DWR ID	19966				

Photo 3 of 3 : UCIP\_FA\_2021\_68240\_100700.jpg



LS view: Slope from toe.

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>0.59</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.287744 °	37.287744 °	
			-120.880645 °	-120.880645 °	
DWR ID	19967				

**Comment Code**

**Inspector Comment**

DS\_ID:19967  
 FS\_ID:67743  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 EVAL Issue: Limited Inspection/No UCIP Evaluation  
 Crossing Status: Found  
 UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation, recommend removal around pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.58), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.59), listed as a 24-inch CMP].  
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP\_FA\_2021\_67743\_100705.jpg



Levee crown looking upstream.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.59	Rating **	M	Issue No.	17 (cont)
LM End	0.59	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287744 °	37.287744 °
				-120.880645 °	-120.880645 °
DWR ID	19967				

Photo 2 of 3 : UCIP\_FA\_2021\_67743\_100710.jpg



LS view: Toe from crown.

LM Start	<b>0.59</b>	Rating **	M	Issue No.	<b>17 (cont)</b>
LM End	<b>0.59</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_FA\_2021\_67743\_100703.jpg



LS view: Slope from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.97	Rating **	M	Issue No.	18
LM End	0.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °
				-120.880738 °	-120.880738 °
DWR ID	19968				

**Comment Code**

**Inspector Comment**

DS\_ID:19968  
FS\_ID:67745  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Dense LS vegetation over pipe inlet, recommend removal. Lots of small burrow holes all along the crown and along the sides, recommend filling in. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.97), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.97), listed as a 24-inch CMP]  
FS Date: 6/8/2021

LM Start	<b>0.97</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.97</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67745\_100717.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67745\_100718.jpg



Crown: Small burrow holes along the crown, 1 of 2 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>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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	0.97	Rating **	M	Issue No.	18 (cont)
LM End	0.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °
				-120.880738 °	-120.880738 °
DWR ID	19968				

Photo 3 of 3 : UCIP\_FA\_2021\_67745\_100716.jpg



Crown: Small burrow holes on the top of the levee, 2 of 2 photos.

LM Start	1.00	Rating **	C	Issue No.	13
LM End	2.48	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.281791 °	37.271226 °
				-120.880747 °	-120.866655 °
DWR ID	DWR_NA0010_25_s_2018_13				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	1.86	Rating **	A/W	Issue No.	14
LM End	1.86	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.280055 °	37.280055 °
				-120.867177 °	-120.867177 °
DWR ID	DWR_NA0010_25_f_2019_14				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.277390 °	37.277390 °	
			-120.867184 °	-120.867184 °	
DWR ID	19969				

**Comment Code**

**Inspector Comment**

DS\_ID:19969  
FS\_ID:67747  
EP\_NO: N/A  
Repair Type: Non-Urgent  
EVAL Issue: Limited Inspection/No UCIP Evaluation  
Crossing Status: Found  
UCIP Comments: 06/8/2021 The record remains Non-Urgent. Levee prism appears to be around or slightly less than 3 feet. Dense vegetation on LS pipe inlet, recommend removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (O. Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.05), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.05), listed as a 24-inch CMP]  
FS Date: 6/8/2021

LM Start	<b>2.05</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>2.05</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_FA\_2021\_67747\_100729.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP\_FA\_2021\_67747\_100730.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	19 (cont)
LM End	2.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.277390 °	37.277390 °
				-120.867184 °	-120.867184 °
DWR ID	19969				

Photo 3 of 3 : UCIP\_FA\_2021\_67747\_100731.jpg



LS view: Headwall barely visible from toe.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	2.45	Rating **	U	Issue No.	20
LM End	2.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °
				-120.866819 °	-120.866819 °
DWR ID	19970				
Comment Code					
Inspector Comment					
DS_ID:19970 FS_ID:68241 EP_NO: N/A Repair Type: Urgent EVAL Issue: Pipe Integrity Crossing Status: Found UCIP Comments: 06/8/2021 Record has been upgraded from Non-Urgent to Urgent. External inspection in the field has found pipe integrity issues. WS pipe end is rusted with multiple large deteriorated holes under and around the flapgate. Rusting and peeling of metal and liner inside the LS pipe inlet. Also sediment buildup inside LS inlet, recommend cleaning out and recommend monitoring crossing until funding becomes available to address the issues. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.45), listed as a 24-inch corrugated metal pipe (CMP). USACE San Joaquin O&M Manual, Unit 601 Part 1 (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.45), listed as a 24-inch CMP] FS Date: 6/8/2021					

Photo 1 of 3 : UCIP\_FA\_2021\_68241\_100735.jpg



Levee crown looking upstream.

LM Start	<b>2.45</b>	Rating **	U	Issue No.	<b>20 (cont)</b>
LM End	<b>2.45</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_FA\_2021\_68241\_100736.jpg



LS view: Toe from crown.

<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 - Fall 2021**

**Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	09/13/2021 09/13/2021	Corey Fujitani

LM Start	<b>2.45</b>	Rating **	U	Issue No.	<b>20 (cont)</b>
LM End	<b>2.45</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °
				-120.866819 °	-120.866819 °
DWR ID	19970				

Photo 3 of 3 : UCIP\_FA\_2021\_68241\_100737.jpg



LS view: Headwall and slope from toe.

<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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