

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	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					
OM : O&M Manuals					
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					
ES : Emergency Supplies & Equipment					
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					
FP : Flood Preparedness & Training					
Inspector Comment					
LMA preparedness and training is adequate for flood response.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.00	Rating **	A	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:70636 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.02)]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP_SP_2024_70636_92086.jpg



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

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.00	Rating **	A	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 2 of 3 : UCIP_SP_2024_70636_92088.jpg



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

LM Start	0.00	Rating **	A	Issue No.	1185 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70636_92089.jpg



WS view: gate visible on the WS toe with concrete wall supporting pipe.

LM Start	0.01	Rating **	A	Issue No.	88	
LM End	0.01	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			37.348608°		37.348608°
				-120.959015°		-120.959015°
DWR ID	DWR_NA0010_01_s_2024_88					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP_2024_NA0010_118_88_20240326_00256.jpg



View of the landside slope looking upstream. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

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:70637 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.35)]. FS Date: 10/6/2020					

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

Photo 1 of 3 : UCIP_SP_2024_70637_90529.jpg



Overview of levee looking US

Photo 2 of 3 : UCIP_SP_2024_70637_90530.jpg



LS view: Overview of LS from levee crest, 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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Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.34	Rating **	M	Issue No.	1186 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70637_92300.jpg



LS view: sediment build up along the pipe invert.

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 : SP_2024_NA0010_118_95_20240212_00005.jpg



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

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 : SP_2024_NA0010_118_97_20240212_00006.jpg



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

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

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

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:83224 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.62)]. FS Date: 10/6/2020						

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

Photo 1 of 3 : UCIP_SP_2024_83224_90537.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_83224_90535.jpg



WS view: Flapgate and headwall at WS toe

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.60	Rating **	M	Issue No.	1187 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_83224_90540.jpg



LS view: Inside pipe from LS toe

LM Start	0.85	Rating **	M	Issue No.	1188
LM End	0.85	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:70639
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CM) gravity drainage pipe through the levee, 7.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.87)].
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2024_70639_90541.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	1188 (cont)
LM End	0.85	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 2 of 3 : UCIP_SP_2024_70639_90546.jpg



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

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

Photo 3 of 3 : UCIP_SP_2024_70639_90544.jpg



LS view: Pipe and headwall at LS toe

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.93	Rating **	A	Issue No.	1189
LM End	0.93	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:83233 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Urgent to No Action Needed. The scour noted from previous inspection behind the concrete headwall on the LS toe has been corrected by the LMA. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 12/19/2022 Record remains Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. Scour behind the concrete headwall on the LS toe needs repair. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 0.95)]. FS Date: 10/6/2020 4:21:36 PM					

Photo 1 of 3 : UCIP_SP_2024_83233_121598.jpg



LS view: Headwall and pipe on LS toe. Scour surrounding headwall has been addressed (photo sent by LMA).

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.93	Rating **	A	Issue No.	1189 (cont)
LM End	0.93	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_SP_2024_83233_90550.jpg



Overview of levee crown, looking US

LM Start	0.93	Rating **	A	Issue No.	1189 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83233_90552.jpg



LS view: Headwall visible on LS toe

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

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Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.15	Rating **	A	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:83235 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.17)]. FS Date: 10/6/2020						

LM Start	1.15	Rating **	A	Issue No.	1190 (cont)
LM End	1.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83235_90554.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_83235_90553.jpg



Pipe, flapgate and headwall on WS toe

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

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Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.15	Rating **	A	Issue No.	1190 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_83235_90557.jpg



Headwall and pipe at LS toe

LM Start	1.32	Rating **	A	Issue No.	1191
LM End	1.32	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 1 of 3 : UCIP_SP_2024_83236_90560.jpg



Overview of levee crown, looking US

Comment Code

Inspector Comment

DS_ID:19587
 FS_ID:83236
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
 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 (CM) 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. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.35). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.34)].
 FS Date: 10/6/2020

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.32	Rating **	A	Issue No.	1191 (cont)
LM End	1.32	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_SP_2024_83236_90562.jpg



LS view: Inside pipe at LS toe

LM Start	1.32	Rating **	A	Issue No.	1191 (cont)
LM End	1.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83236_90559.jpg



WS view: Concrete headwall and flapgate visible at WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.46	Rating **	A	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:83238 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 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 (CM) gravity drainage pipe through the levee, 11.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.48)]. FS Date: 10/6/2020						

LM Start	1.46	Rating **	A	Issue No.	1192 (cont)
LM End	1.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83238_90567.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_83238_90570.jpg



Pipe and flapgate visible on WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.46	Rating **	A	Issue No.	1192 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_83238_90566.jpg



Pipe partially visible on LS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.67	Rating **	A	Issue No.	1193
LM End	1.67	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:70644 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/15/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.69)]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP_SP_2024_70644_90572.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.67	Rating **	A	Issue No.	1193 (cont)
LM End	1.67	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_SP_2024_70644_90575.jpg



WS view: Flapgate and headwall visible at WS toe; dense vegetation

LM Start	1.67	Rating **	A	Issue No.	1193 (cont)
LM End	1.67	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70644_90576.jpg



LS view: Headwall and pipe partially visible at LS toe; dense vegetation

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.81	Rating **	U	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:77847 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.83)]. FS Date: 10/6/2020 1:27:14 PM						

LM Start	1.81	Rating **	U	Issue No.	1194 (cont)
LM End	1.81	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77847_90581.jpg



Overview of levee crown, looking upstream

Photo 2 of 3 : UCIP_SP_2024_77847_90582.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.81	Rating **	U	Issue No.	1194 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_77847_90578.jpg



LS view: Pipe and concrete headwall partially visible at LS toe

LM Start	1.95	Rating **	A	Issue No.	1195
LM End	1.95	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:83239
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. LMA has corrected the rodent activity noted in the previous inspection. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 1.98)].
FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2024_83239_121609.jpg



LS view: Rodent activity near crossing noted in 10/06/2020 inspection has been corrected (photo sent by LMA).

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.95	Rating **	A	Issue No.	1195 (cont)
LM End	1.95	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_SP_2024_83239_90611.jpg



Overview of levee crown, looking US

LM Start	1.95	Rating **	A	Issue No.	1195 (cont)
LM End	1.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83239_90613.jpg



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

LM Start	1.97	Rating **	M	Issue No.	122
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.334259°	37.334259°
				-120.940113°	-120.940113°
DWR ID	DWR_NA0010_01_f_2022_122				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_118_122_20240212_00021.jpg



View of large rodent burrow on the waterside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.06	Rating **	A	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:83241 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. Wooden barrier noted in the 10/06/2020 inspection surrounding drop-inlet has been corrected. (M. Thao - DWR UCIP) 12/19/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP). 10/06/2020 Record updated from Non-Urgent to Urgent. DMP internal video 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. 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.08)]. FS Date: 10/6/2020 4:15:32 PM						

Photo 1 of 3 : UCIP_SP_2024_83241_121610.jpg



LS view: Corrected wood barrier around drop-inlet on LS toe (photo sent by LMA).

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.06	Rating **	A	Issue No.	1196 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_83241_90617.jpg



Overview of levee crown, looking US

LM Start	2.06	Rating **	A	Issue No.	1196 (cont)
LM End	2.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83241_90618.jpg



WS view: Pipe and flapgate visible 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 : SP_2024_NA0010_118_110_20240212_00012.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.22	Rating **	U	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:77843						
EP_NO: N/A						
Repair Type: Urgent						
EVAL Issue: 1, Pipe Integrity						
Crossing Status: Found						
UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP)						
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.25)].						
FS Date: 10/6/2020 11:56:25 AM						

LM Start	2.22	Rating **	U	Issue No.	1197 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77843_90625.jpg



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

Photo 2 of 3 : UCIP_SP_2024_77843_90628.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.22	Rating **	U	Issue No.	1197 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_77843_90623.jpg



LS view: inside view of pipe

LM Start	2.50	Rating **	M	Issue No.	1198
LM End	2.50	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:70649
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.52)].
 FS Date: 10/6/2020

Photo 1 of 3 : UCIP_SP_2024_70649_90632.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.50	Rating **	M	Issue No.	1198 (cont)
LM End	2.50	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_SP_2024_70649_90635.jpg



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

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

Photo 3 of 3 : UCIP_SP_2024_70649_90636.jpg



LS view: close up view inside pipe inlet

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	Erosion / Vehicle Traffic			37.327936°	37.327936°
				-120.933013°	-120.933013°
DWR ID	DWR_NA0010_01_f_2018_113				
Comment Code					
E6 : 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 but the integrity of the levee is not compromised. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_118_113_20240212_00014.jpg



Slope damage by vehicle traffic. (Spring 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	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:70650 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 2.70)]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP_SP_2024_70650_90637.jpg



Overview of levee crown, looking US

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

Photo 2 of 3 : UCIP_SP_2024_70650_90638.jpg



WS view: Pipe and flapgate visible on WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.67	Rating **	M	Issue No.	1199 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70650_90642.jpg



WS view: Pipe and headwall at WS toe

LM Start	2.70	Rating **	C	Issue No.	123
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.327173°	37.327173°
				-120.931159°	-120.931159°
DWR ID	DWR_NA0010_01_f_2023_123				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Deep rut in the waterside ramp has not eroded in to the levee prism, but should be repaired to prevent further erosion.					

No Photos

LM Start	2.99	Rating **	C	Issue No.	114
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.323328°	37.323328°
				-120.929521°	-120.929521°
DWR ID	DWR_NA0010_01_f_2018_114				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired. Monitor for settlement.					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.06	Rating **	M	Issue No.	104
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.322499°	37.322499°
				-120.928986°	-120.928986°
DWR ID	DWR_NA0010_01_f_2017_104				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage caused by animal foot traffic.					

Photo 1 of 1 : SP_2024_NA0010_118_104_20240212_00008.jpg



Slope damage on the landside slope from livestock traffic. (Spring 2021)

LM Start	3.10	Rating **	C	Issue No.	115
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.321903°	37.321903°
				-120.928748°	-120.928748°
DWR ID	DWR_NA0010_01_f_2018_115				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage caused by livestock traffic has been repaired. Monitor for settlement.					

No Photos

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	Erosion / Livestock			37.321488°	37.321488°
				-120.928758°	-120.928758°
DWR ID	DWR_NA0010_01_s_2017_108				
Comment Code					
E4 : 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 : SP_2024_NA0010_118_108_20240212_00011.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.13	Rating **	U	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:77846 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.16)]. FS Date: 10/6/2020						

Photo 1 of 3 : UCIP_SP_2024_77846_90644.jpg



Overview of levee crown, looking US

LM Start	3.13	Rating **	U	Issue No.	1200 (cont)
LM End	3.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_77846_90645.jpg



WS view: Pipe and flapgate visible at WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.13	Rating **	U	Issue No.	1200 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_77846_90648.jpg



LS view: Pipe and headwall at LS toe. Heavy vegetation.

LM Start	3.18	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_118_116_20240212_00017.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	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:70652 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.50)]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP_SP_2024_70652_90588.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.47	Rating **	U	Issue No.	1201 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_70652_90586.jpg



WS view: Slope from WS toe

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

Photo 3 of 3 : UCIP_SP_2024_70652_90591.jpg



LS view: Pipe, headwall, and sinkhole at LS toe

LM Start	3.87	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_118_2_20240212_00001.jpg



View of rodent burrows in this section looking downstream. (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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.92	Rating **	U	Issue No.	1202
LM End	3.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.311178°	37.311178°
				-120.927007°	-120.927007°
DWR ID	19576				
Comment Code					
Inspector Comment					
DS_ID:19576 FS_ID:70653 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 3.95)]. FS Date: 10/6/2020					

Photo 1 of 3 : UCIP_SP_2024_70653_90650.jpg



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

* 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: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.92	Rating **	U	Issue No.	1202 (cont)
LM End	3.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.311178°	37.311178°
				-120.927007°	-120.927007°
DWR ID	19576				

Photo 2 of 3 : UCIP_SP_2024_70653_90652.jpg



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

LM Start	3.92	Rating **	U	Issue No.	1202 (cont)
LM End	3.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70653_90655.jpg



LS view: Pipe and headwall at LS toe. Heavy siltation at invert.

* 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	1203	
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:70655 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit 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 (CM) gravity drainage pipe through the levee, 14.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.16)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2024_70655_90661.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	1203 (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_SP_2024_70655_90662.jpg



WS view: Unauthorized 12-inch PVC pipe on WS, approximately 1 foot below levee crown.

LM Start	4.13	Rating **	M	Issue No.	1203 (cont)
LM End	4.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70655_90665.jpg



LS view: Abandoned pipe through levee crown

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.25	Rating **	U	Issue No.	1205	
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:77849 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.27)]. FS Date: 10/20/2020 1:31:03 PM						

Photo 1 of 3 : UCIP_SP_2024_77849_90668.jpg



Overview of levee crown, 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.25	Rating **	U	Issue No.	1205 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77849_90672.jpg



WS view: Pipe and flapgate visible at WS toe. Further inspection inhibited by barbed wire fencing

LM Start	4.25	Rating **	U	Issue No.	1205 (cont)
LM End	4.25	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77849_90673.jpg



Observed burrowing on limited view of LS and WS slopes

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.69	Rating **	U	Issue No.	1206	
LM End	4.69	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:70658 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CM) gravity drainage pipe through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 4.72)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2024_70658_90676.jpg



Overview of levee crown, looking US

LM Start	4.69	Rating **	U	Issue No.	1206 (cont)
LM End	4.69	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70658_90678.jpg



WS view: Pipe and flapgate visible at WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	4.69	Rating **	U	Issue No.	1206 (cont)
LM End	4.69	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_SP_2024_70658_90681.jpg



LS view: land movement/scarp of LS slope at levee crown

LM Start	4.69	Rating **	M	Issue No.	9
LM End	4.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.302398°	37.302398°
				-120.920920°	-120.920920°
DWR ID	DWR_NA0010_01_s_2013_9				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material used to repair the livestock damage in 2021 has eroded away.					

Photo 1 of 1 : SP_2024_NA0010_118_9_20240212_00003.jpg



View of damage to the landside slope from livestock. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	5.02	Rating **	M	Issue No.	1207	
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:70659 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) gravity drainage pipe through the levee, 8.0 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). Drainage ditch along the LS toe. [Additional Reference(s): DWR Levee Log, 2002, (HLM 5.06). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.05)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2024_70659_90682.jpg



Overview of levee crown, looking US

LM Start	5.02	Rating **	M	Issue No.	1207 (cont)
LM End	5.02	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70659_90683.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	5.02	Rating **	M	Issue No.	1207 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70659_90685.jpg



LS view: LS pipe and headwall not accessible/visible due to high vegetation

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	5.92	Rating **	U	Issue No.	1208
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:77850 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 5.95)]. FS Date: 10/20/2020 1:32:14 PM					

Photo 1 of 3 : UCIP_SP_2024_77850_90689.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	5.92	Rating **	U	Issue No.	1208 (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_SP_2024_77850_90691.jpg



WS view: Pipe and flapgate visible at WS toe

LM Start	5.92	Rating **	U	Issue No.	1208 (cont)
LM End	5.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77850_90692.jpg



LS view: Headwall at LS toe. Pipe is completely blocked by heavy siltation at LS invert.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.10	Rating **	U	Issue No.	1209
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:77851 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) gravity drainage pipe through the levee at an angle, 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. [Additional Reference(s): DWR Levee Log, 2002, (HLM 6.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.13)]. FS Date: 10/20/2020 1:32:39 PM					

Photo 1 of 3 : UCIP_SP_2024_77851_90696.jpg



Overview of levee crown, 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.10	Rating **	U	Issue No.	1209 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77851_90698.jpg



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

LM Start	6.10	Rating **	U	Issue No.	1209 (cont)
LM End	6.10	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77851_90697.jpg



LS view: View toward LS toe. Slidegate visible through dense vegetation

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.39	Rating **	U	Issue No.	1210
LM End	6.39	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:77852 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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 unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.40)]. FS Date: 10/20/2020 1:35:41 PM					

Photo 1 of 3 : UCIP_SP_2024_77852_90702.jpg



Overview of levee crown, looking upstream

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.39	Rating **	U	Issue No.	1210 (cont)
LM End	6.39	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 2 of 3 : UCIP_SP_2024_77852_90706.jpg



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

LM Start	6.39	Rating **	U	Issue No.	1210 (cont)
LM End	6.39	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77852_90703.jpg



LS view: Metal walkway and slidegate visible on LS toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	1211
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:70663 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.64)]. FS Date: 10/20/2020					

Photo 1 of 3 : UCIP_SP_2024_70663_90712.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.61	Rating **	M	Issue No.	1211 (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_SP_2024_70663_90713.jpg



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

LM Start	6.61	Rating **	M	Issue No.	1211 (cont)
LM End	6.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70663_90708.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	1212
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:70664
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 6.90)].
 FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2024_70664_90726.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	6.86	Rating **	U	Issue No.	1212 (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_SP_2024_70664_90728.jpg



LS view: Surface erosion above LS headwall

LM Start	6.86	Rating **	U	Issue No.	1212 (cont)
LM End	6.86	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70664_90723.jpg



WS view: Extensive corrosion visible at WS invert

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.18	Rating **	U	Issue No.	1213	
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:70665 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.21)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2024_70665_90715.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.18	Rating **	U	Issue No.	1213 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_70665_90717.jpg



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

LM Start	7.18	Rating **	U	Issue No.	1213 (cont)
LM End	7.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70665_90720.jpg



LS view: Headwall and deeply corroded pipe at LS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	1214
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:83244 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.46)]. FS Date: 10/20/2020 8:52:25 AM					

Photo 1 of 3 : UCIP_SP_2024_83244_90738.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.42	Rating **	M	Issue No.	1214 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_83244_90739.jpg



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

LM Start	7.42	Rating **	M	Issue No.	1214 (cont)
LM End	7.42	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83244_90736.jpg



WS view: Pipe, flapgate and headwall at WS toe. Flapgate damaged and non-functional

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.65	Rating **	U	Issue No.	1215	
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:70668 EP_NO: N/A Repair Type: Urgent EVAL Issue: 2b, Levee Integrity Crossing Status: Found UCIP Comments: 12/20/2022 Record remains Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. Sloughing on the LS slope above headwall needs to be addressed. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 7.69)]. FS Date: 10/20/2020						

Photo 1 of 3 : UCIP_SP_2024_70668_90744.jpg



Overview of levee crown, 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	7.65	Rating **	U	Issue No.	1215 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_70668_90747.jpg



LS view: Headwall at LS toe. Dense vegetation blocking view

LM Start	7.65	Rating **	U	Issue No.	1215 (cont)
LM End	7.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70668_90749.jpg



LS view: Sloughing above headwall and pipe on LS slope

LM Start	7.69	Rating **	M	Issue No.	125
LM End	7.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.299051°	37.299051°
				-120.873720°	-120.873720°
DWR ID	DWR_NA0010_01_f_2023_125				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_118_125_20240212_00023.jpg



View of rodent holes in the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.03	Rating **	A	Issue No.	1216
LM End	8.03	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:70669 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/15/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.07)]. FS Date: 10/20/2020					

LM Start	8.03	Rating **	A	Issue No.	1216 (cont)
LM End	8.03	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70669_90750.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_70669_90755.jpg



Pipe, flapgate, and headwall at WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.03	Rating **	A	Issue No.	1216 (cont)
LM End	8.03	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 3 of 3 : UCIP_SP_2024_70669_90753.jpg



Headwall and pipe at LS toe. Visible corrosion in pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.38	Rating **	A	Issue No.	1217	
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:70670 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/15/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.41)]. FS Date: 10/20/2020						

LM Start	8.38	Rating **	A	Issue No.	1217 (cont)
LM End	8.38	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70670_90757.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_70670_90756.jpg



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

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.38	Rating **	A	Issue No.	1217 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70670_90762.jpg



LS view: Pipe, headwall, and slope from LS toe

LM Start	8.55	Rating **	A/W	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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.57	Rating **	M	Issue No.	1218	
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:70672 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) gravity drainage pipe through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.61)]. FS Date: 10/20/2020						

LM Start	8.57	Rating **	M	Issue No.	1218 (cont)
LM End	8.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70672_90770.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_70672_90772.jpg



WS view: Pipe and flapgate visible on WS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.57	Rating **	M	Issue No.	1218 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70672_90773.jpg



LS view: Pipe and headwall on LS toe

LM Start	8.89	Rating **	A	Issue No.	1219
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				

Comment Code

Inspector Comment

DS_ID:19623
 FS_ID:83245
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
 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 (CM) 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). USACE San Joaquin O&M, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 8.93)].
 FS Date: 10/20/2020

Photo 1 of 3 : UCIP_SP_2024_83245_90778.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.89	Rating **	A	Issue No.	1219 (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_SP_2024_83245_90777.jpg



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

LM Start	8.89	Rating **	A	Issue No.	1219 (cont)
LM End	8.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83245_90781.jpg



LS view: Pipe, headwall, and slope at LS toe

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	1221
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:70675 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) gravity drainage pipe through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.00)]. FS Date: 10/20/2020					

LM Start	8.97	Rating **	M	Issue No.	1221 (cont)
LM End	8.97	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70675_90789.jpg



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

Photo 2 of 3 : UCIP_SP_2024_70675_90790.jpg



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

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.97	Rating **	M	Issue No.	1221 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70675_92420.jpg



WS view: pipe visible through dense vegetation.

LM Start	8.99	Rating **	M	Issue No.	1222
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				

Comment Code**Inspector Comment**

DS_ID:19626
FS_ID:70676
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CM) gravity drainage pipe through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.03)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2024_70676_90906.jpg



Overview of levee crown looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	8.99	Rating **	M	Issue No.	1222 (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_SP_2024_70676_90907.jpg



LS view: overview of LS

LM Start	8.99	Rating **	M	Issue No.	1222 (cont)
LM End	8.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70676_90909.jpg



WS view: overview of WS

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.34	Rating **	M	Issue No.	1223	
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:83466 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.37)]. FS Date: 10/21/2020 8:59:04 AM						

Photo 1 of 3 : UCIP_SP_2024_83466_90910.jpg



Overview of levee crown

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.34	Rating **	M	Issue No.	1223 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_83466_90911.jpg



LS view: View of LS slope from levee crown

LM Start	9.34	Rating **	M	Issue No.	1223 (cont)
LM End	9.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83466_90914.jpg



WS view: Pipe and flapgate at WS toe

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 : SP_2024_NA0010_118_101_20240212_00007.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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.64	Rating **	M	Issue No.	1224
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:70678 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.67)]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP_SP_2024_70678_90915.jpg



Overview of levee crown

LM Start	9.64	Rating **	M	Issue No.	1224 (cont)
LM End	9.64	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70678_90917.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.64	Rating **	M	Issue No.	1224 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70678_90920.jpg



LS view: Pipe and headwall at LS toe

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	Crown Surface / Depressions / Rutting			37.291796°	37.291581°
				-120.839497°	-120.839718°
DWR ID	DWR_NA0010_01_f_2017_112				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
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 : SP_2024_NA0010_118_112_20240212_00013.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 M: Minimally Acceptable U: Unacceptable	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.89	Rating **	M	Issue No.	1225	
LM End	9.89	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.291667°	37.291667°	
				-120.839224°	-120.839224°	
DWR ID	19556					
Comment Code						
Inspector Comment						
DS_ID:19556 FS_ID:70680 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 10/21/2020 Record has been updated from No Action Needed to Non-Urgent. No levee present at this location. This crossing was identified as a System Feature. Pipe not found by visual inspection, only two culverts at grade in the WS. (B. Singh - GEI, O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) gravity drainage pipe through the levee, 6.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 9.93)]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2024_70680_91045.jpg



Overview of area looking upstream at levee breach.

LM Start	9.89	Rating **	M	Issue No.	1225 (cont)
LM End	9.89	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70680_91047.jpg



Culverts underneath access road visible on WS

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	9.89	Rating **	M	Issue No.	1225 (cont)
LM End	9.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291667°	37.291667°
				-120.839224°	-120.839224°
DWR ID	19556				

Photo 3 of 3 : UCIP_SP_2024_70680_91049.jpg



Culverts visible past access road.

LM Start	9.94	Rating **	A/W	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 : SP_2024_NA0010_118_120_20240212_00020.jpg



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

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.20	Rating **	A	Issue No.	1226	
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:83246 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/23/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 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 (CM) gravity drainage pipe through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.23)]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2024_83246_90922.jpg



Overview of levee crown

LM Start	10.20	Rating **	A	Issue No.	1226 (cont)
LM End	10.20	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_83246_90923.jpg



WS view: Pipe and flapgate visible at WS toe

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.20	Rating **	A	Issue No.	1226 (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 3 of 3 : UCIP_SP_2024_83246_90925.jpg



LS view: LS toe and pipe headwall

LM Start	10.68	Rating **	A	Issue No.	1227
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:83254
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
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 (CM) gravity drainage pipe through the levee, 7.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72)].
FS Date: 10/21/2020

Photo 1 of 2 : UCIP_SP_2024_83254_90999.jpg



Overview of levee crown looking upstream

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.68	Rating **	A	Issue No.	1227 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_83254_91003.jpg



LS view: Pipe and headwall at LS toe

LM Start	10.69	Rating **	M	Issue No.	1228
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				

Comment Code**Inspector Comment**

DS_ID:19631
FS_ID:70683
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 5, 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 (CM) gravity drainage pipe through the levee, 7.0 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 the WS to concrete on the LS. [Additional Reference(s): DWR Levee Log, 2002, (HLM 10.74). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 10.72)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2024_70683_91009.jpg



Overview of levee crown looking upstream

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.69	Rating **	M	Issue No.	1228 (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_SP_2024_70683_91010.jpg



WS view: Pipe and flapgate at WS toe

LM Start	10.69	Rating **	M	Issue No.	1228 (cont)
LM End	10.69	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70683_91013.jpg



LS view: internal view of concrete pipe located on WS.

LM Start	10.90	Rating **	U	Issue No.	133
LM End	10.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.282911°	37.282911°
				-120.829665°	-120.829665°
DWR ID	DWR_NA0010_01_s_2022_133				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_118_133_20240212_00024.jpg



View of rodent burrows on the waterside slope. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.98	Rating **	A	Issue No.	1229	
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:70684						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 10/21/2020 Record updated from Non-Urgent to No Action Needed. 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 (CM) gravity drainage pipe through the levee, 6.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.00)].						
FS Date: 10/21/2020						

LM Start	10.98	Rating **	A	Issue No.	1229 (cont)
LM End	10.98	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70684_90929.jpg



Overview of levee crown looking upstream

Photo 2 of 3 : UCIP_SP_2024_70684_90933.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	10.98	Rating **	A	Issue No.	1229 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70684_90928.jpg



LS view: Pipe interior from LS toe

LM Start	11.14	Rating **	A	Issue No.	1230
LM End	11.14	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:83255
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
 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 (CM) gravity drainage pipe through the levee, 5.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.18)].
 FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2024_83255_90935.jpg



Overview of levee crown, looking upstream

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.14	Rating **	A	Issue No.	1230 (cont)
LM End	11.14	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_SP_2024_83255_90938.jpg



LS view: Pipe and headwall at LS toe

LM Start	11.14	Rating **	A	Issue No.	1230 (cont)
LM End	11.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83255_90934.jpg



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

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 : SP_2024_NA0010_118_151_20240212_00028.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 M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	1231	
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:83256 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) gravity drainage pipe through the levee, 12.0 feet below the crown. Two metal cutoff walls. Flap gate, concrete saddle, and apron on the waterside (WS) end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (recorded as Unit 6, HLM 0.05, should be Unit 1, HLM 11.37)]. FS Date: 10/21/2020						

LM Start	11.37	Rating **	M	Issue No.	1231 (cont)
LM End	11.37	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83256_90940.jpg



Overview of levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2024_83256_90943.jpg



LS view: overview of LS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.37	Rating **	M	Issue No.	1231 (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_SP_2024_83256_90942.jpg



WS view: overview of WS slope. Pipe and flapgate visible

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1232	
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:70687 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.48)]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2024_70687_92836.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1232 (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_SP_2024_70687_90946.jpg



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

LM Start	11.49	Rating **	M	Issue No.	1232 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70687_90947.jpg



WS view: overview of WS.

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

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.62	Rating **	A/W	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					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Single old rodent burrow. Appears to be caving in near the entrance. LMA should backfill and compact hole.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.78	Rating **	M	Issue No.	1233	
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:83257 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CM) gravity drainage pipe through the levee, 17.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 11.76)]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2024_83257_90950.jpg



Overview of levee crown

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	11.78	Rating **	M	Issue No.	1233 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_83257_90954.jpg



WS view: Pipe covered by vegetation at WS toe

LM Start	11.78	Rating **	M	Issue No.	1233 (cont)
LM End	11.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83257_90955.jpg



LS view: Pipe and headwall blocked by debris at LS toe

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	12.12	Rating **	M	Issue No.	1234	
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:83274 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.11)]. FS Date: 10/21/2020						

Photo 1 of 3 : UCIP_SP_2024_83274_90956.jpg



Overview of levee crown looking upstream.

LM Start	12.12	Rating **	M	Issue No.	1234 (cont)
LM End	12.12	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_83274_90960.jpg



WS view: dense vegetation near WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	12.12	Rating **	M	Issue No.	1234 (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_SP_2024_83274_90961.jpg



LS view: view of LS slope

LM Start	12.24	Rating **	C	Issue No.	135
LM End	12.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.263732°	37.263732°
				-120.827306°	-120.827306°
DWR ID	DWR_NA0010_01_s_2022_135				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	12.95	Rating **	M	Issue No.	1235
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:70690 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/15/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 12.94)]. FS Date: 10/21/2020					

Photo 1 of 3 : UCIP_SP_2024_70690_90966.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	12.95	Rating **	M	Issue No.	1235 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_70690_90964.jpg



LS view: dense vegetation along LS toe. No pipe visible.

LM Start	12.95	Rating **	M	Issue No.	1235 (cont)
LM End	12.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70690_90962.jpg



Overview of levee crown looking downstream towards pipe crossing.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	13.49	Rating **	U	Issue No.	1236	
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:83258 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.48)]. FS Date: 10/21/2020 1:37:19 PM						

LM Start	13.49	Rating **	U	Issue No.	1236 (cont)
LM End	13.49	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_83258_90969.jpg



WS view: pipe and flapgate visible at WS toe

Photo 2 of 2 : UCIP_SP_2024_83258_90970.jpg



LS view: overview of LS slope

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	13.59	Rating **	A	Issue No.	1237	
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					
Comment Code						
Inspector Comment						
DS_ID:19639 FS_ID:81163 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/25/2023 DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.58)]. FS Date: 10/21/2020						

LM Start	13.59	Rating **	A	Issue No.	1237 (cont)
LM End	13.59	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_81163_90971.jpg



Overview of levee crown looking downstream towards crossing.

Photo 2 of 3 : UCIP_SP_2024_81163_90974.jpg



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

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	13.59	Rating **	A	Issue No.	1237 (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 3 of 3 : UCIP_SP_2024_81163_90975.jpg



WS view: overview looking towards drainage past pipe outlet.

LM Start	13.82	Rating **	A	Issue No.	1238
LM End	13.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.247568°	37.247568°
				-120.817074°	-120.817074°
DWR ID	19640				

Comment Code**Inspector Comment**

DS_ID:19640
FS_ID:83261
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Indicator Found
UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
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 (CM) gravity drainage pipe through the levee, 11.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 13.81)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2024_83261_90984.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	13.82	Rating **	A	Issue No.	1238 (cont)
LM End	13.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.247568°	37.247568°
				-120.817074°	-120.817074°
DWR ID	19640				

Photo 2 of 3 : UCIP_SP_2024_83261_90982.jpg



LS view: Pipe and headwall at LS toe

LM Start	13.82	Rating **	A	Issue No.	1238 (cont)
LM End	13.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83261_90977.jpg



Overview of levee crown looking downstream towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	14.22	Rating **	M	Issue No.	1239	
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					
Comment Code						
Inspector Comment						
DS_ID:19641 FS_ID:83262 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) gravity drainage pipe through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.21)]. FS Date: 10/21/2020						

LM Start	14.22	Rating **	M	Issue No.	1239 (cont)
LM End	14.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83262_90986.jpg



Overview of levee crown looking upstream towards pipe crossing.

Photo 2 of 3 : UCIP_SP_2024_83262_90988.jpg



LS view: overview of LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	14.22	Rating **	M	Issue No.	1239 (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 3 of 3 : UCIP_SP_2024_83262_90985.jpg



WS view: Pipe and flapgate visible through dense vegetation

LM Start	14.65	Rating **	M	Issue No.	1240
LM End	14.65	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:83263
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 14.65)].
FS Date: 10/21/2020

Photo 1 of 3 : UCIP_SP_2024_83263_90992.jpg



Overview of levee crown looking downstream toward crossing.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	14.65	Rating **	M	Issue No.	1240 (cont)
LM End	14.65	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 2 of 3 : UCIP_SP_2024_83263_90995.jpg



LS view: overview of LS

LM Start	14.65	Rating **	M	Issue No.	1240 (cont)
LM End	14.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83263_90997.jpg



WS view: overview of WS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	15.29	Rating **	M	Issue No.	1241
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				
Comment Code					
Inspector Comment					
DS_ID:19643 FS_ID:83264 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.29)]. FS Date: 11/16/2020					

LM Start	15.29	Rating **	M	Issue No.	1241 (cont)
LM End	15.29	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83264_90792.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_83264_90794.jpg



WS view: close-up view of pipe, flapgate, and headwall at WS toe

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	15.29	Rating **	M	Issue No.	1241 (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 3 of 3 : UCIP_SP_2024_83264_92867.jpg



LS view: profile view of LS slope

LM Start	15.58	Rating **	M	Issue No.	1242
LM End	15.58	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:83265
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.57)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2024_83265_90797.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	15.58	Rating **	M	Issue No.	1242 (cont)
LM End	15.58	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 2 of 3 : UCIP_SP_2024_83265_90798.jpg



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

LM Start	15.58	Rating **	M	Issue No.	1242 (cont)
LM End	15.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83265_90799.jpg



LS view: Headwall at LS toe. Dense vegetation inhibited proper inspection of pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	15.82	Rating **	A	Issue No.	1243
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				

Comment Code

Inspector Comment

DS_ID:19645
FS_ID:81164
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 09/25/2023 DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)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 (CM) gravity drainage pipe through the levee, 11.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 15.81)].
FS Date: 11/16/2020

LM Start	15.82	Rating **	A	Issue No.	1243 (cont)
LM End	15.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_81164_90803.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_81164_90806.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	15.82	Rating **	A	Issue No.	1243 (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 3 of 3 : UCIP_SP_2024_81164_90801.jpg



LS view: pipe corrosion visible at invert of pipe at LS toe

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.09	Rating **	A	Issue No.	1244
LM End	16.09	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:83267 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (O. Magana - DWR UCIP) 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.09)]. FS Date: 11/16/2020 9:06:35 AM					

Photo 1 of 3 : UCIP_SP_2024_83267_92966.jpg



Overview of levee looking upstream towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.09	Rating **	A	Issue No.	1244 (cont)
LM End	16.09	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 2 of 3 : UCIP_SP_2024_83267_92965.jpg



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

LM Start	16.09	Rating **	A	Issue No.	1244 (cont)
LM End	16.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83267_92964.jpg



LS view: concrete headwall with pipe inlet visible on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.15	Rating **	U	Issue No.	1245
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				
Comment Code					
Inspector Comment					
DS_ID:19647 FS_ID:77854 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.15)]. FS Date: 11/16/2020 1:38:40 PM					

Photo 1 of 3 : UCIP_SP_2024_77854_92979.jpg



Overview of levee crown looking upstream towards pipe crossing.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.15	Rating **	U	Issue No.	1245 (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_SP_2024_77854_92980.jpg



LS view: overview of LS.

LM Start	16.15	Rating **	U	Issue No.	1245 (cont)
LM End	16.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77854_92978.jpg



WS view: overview of WS.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	1247
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:81165 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/25/2023 DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 16.72)]. FS Date: 11/16/2020					

LM Start	16.72	Rating **	M	Issue No.	1247 (cont)
LM End	16.72	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_81165_90820.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_81165_90821.jpg



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

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	16.72	Rating **	M	Issue No.	1247 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_81165_90823.jpg



LS view: view from LS toe, looking US. Pipe and headwall not found on LS toe.

LM Start	17.01	Rating **	A	Issue No.	1248
LM End	17.01	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:83268
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.01)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2024_83268_90825.jpg



Overview of levee crown, looking US

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.01	Rating **	A	Issue No.	1248 (cont)
LM End	17.01	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_SP_2024_83268_90827.jpg



LS view: slope above pipe and headwall from LS toe

LM Start	17.01	Rating **	A	Issue No.	1248 (cont)
LM End	17.01	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83268_90829.jpg



LS view: minor damage to headwall concrete at inlet on LS toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.19	Rating **	A	Issue No.	1249	
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:83270 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.19)]. FS Date: 11/16/2020						

LM Start	17.19	Rating **	A	Issue No.	1249 (cont)
LM End	17.19	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83270_93002.jpg



Overview of levee crown looking upstream towards pipe crossing.

Photo 2 of 3 : UCIP_SP_2024_83270_93001.jpg



WS view: close up of flap gate, pipe, and concrete headwall.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.19	Rating **	A	Issue No.	1249 (cont)
LM End	17.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302° -120.779475°	37.219302° -120.779475°
DWR ID	19578				

Photo 3 of 3 : UCIP_SP_2024_83270_93005.jpg



LS view: dense vegetation along LS toe.

LM Start	17.26	Rating **	U	Issue No.	1250
LM End	17.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.218332° -120.779459°	37.218332° -120.779459°
DWR ID	19579				

Comment Code**Inspector Comment**

DS_ID:19579
FS_ID:81000
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 09/15/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP)
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.26)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2024_81000_90834.jpg



Overview of levee crown looking upstream towards crossing.

* Location	** Rating	+ Issue Type
LS: Land Side 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.26	Rating **	U	Issue No.	1250 (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_SP_2024_81000_90835.jpg



LS view: overview of LS

LM Start	17.26	Rating **	U	Issue No.	1250 (cont)
LM End	17.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_81000_90837.jpg



WS view: debris blocking pipe flapgate at WS toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.52	Rating **	U	Issue No.	1251
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:70707 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 17.53)]. FS Date: 11/16/2020					

LM Start	17.52	Rating **	U	Issue No.	1251 (cont)
LM End	17.52	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70707_90843.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_SP_2024_70707_90844.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 M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	17.52	Rating **	U	Issue No.	1251 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70707_90838.jpg



LS view: Pipe collapse visible in sinkhole along pipe alignment, photo 2 of 2.

LM Start	18.18	Rating **	U	Issue No.	1252
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				

Comment Code

Inspector Comment

DS_ID:19581
FS_ID:70708
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.19)].
FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2024_70708_90849.jpg



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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	18.18	Rating **	U	Issue No.	1252 (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_SP_2024_70708_90850.jpg



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

LM Start	18.18	Rating **	U	Issue No.	1252 (cont)
LM End	18.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70708_90848.jpg



LS view: Considerable damage observed at LS inlet

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	18.45	Rating **	U	Issue No.	1253
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:70709 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.45)]. FS Date: 11/16/2020					

LM Start	18.45	Rating **	U	Issue No.	1253 (cont)
LM End	18.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70709_93037.jpg



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

Photo 2 of 3 : UCIP_SP_2024_70709_90856.jpg



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

* 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: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	18.45	Rating **	U	Issue No.	1253 (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_SP_2024_70709_90854.jpg



LS view: overview of LS.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	18.79	Rating **	M	Issue No.	1254	
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:70711 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal (CM) gravity drainage pipe through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 18.79)]. FS Date: 11/16/2020						

LM Start	18.79	Rating **	M	Issue No.	1254 (cont)
LM End	18.79	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70711_91059.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2024_70711_91061.jpg



View waterward

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	18.79	Rating **	M	Issue No.	1254 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70711_91062.jpg



Headwall and pipe at LS toe

LM Start	18.85	Rating **	C	Issue No.	145
LM End	18.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.204414°	37.204414°
				-120.761543°	-120.761543°
DWR ID	DWR_NA0010_01_f _ 2022_145				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	1255	
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:70712 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CM) gravity drainage pipe through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.17)]. FS Date: 11/16/2020						

LM Start	19.17	Rating **	M	Issue No.	1255 (cont)
LM End	19.17	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_70712_90861.jpg



Overview of levee crown

Photo 2 of 3 : UCIP_SP_2024_70712_90862.jpg



Pipe riser visible on WS slope

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	19.17	Rating **	M	Issue No.	1255 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70712_90857.jpg



Considerable sediment build-up at LS inlet

LM Start	19.53	Rating **	A	Issue No.	1256
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:83271
EP_NO: N/A
Repair Type: No Action Needed
EVAL Issue:
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 (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.54)].
FS Date: 11/16/2020

Photo 1 of 2 : UCIP_SP_2024_83271_90889.jpg



WS view: concrete headwall, flap gate, and WS slope visible on WS.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	19.53	Rating **	A	Issue No.	1256 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_83271_90894.jpg



LS view: Interior of pipe from LS toe

LM Start	19.81	Rating **	A	Issue No.	1257
LM End	19.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.197502°	37.197502°
				-120.764045°	-120.764045°
DWR ID	19597				

Comment Code

Inspector Comment

DS_ID:19597
 FS_ID:83272
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/24/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)
 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 (CM) gravity drainage pipe through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 19.81)].
 FS Date: 11/16/2020

Photo 1 of 3 : UCIP_SP_2024_83272_90896.jpg



Overview of levee crown looking u/s

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	19.81	Rating **	A	Issue No.	1257 (cont)
LM End	19.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.197502°	37.197502°
				-120.764045°	-120.764045°
DWR ID	19597				

Photo 2 of 3 : UCIP_SP_2024_83272_90899.jpg



LS view: pipe and headwall at LS toe

LM Start	19.81	Rating **	A	Issue No.	1257 (cont)
LM End	19.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_83272_90902.jpg



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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	20.18	Rating **	M	Issue No.	1258
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:83273 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.18)]. FS Date: 11/16/2020					

LM Start	20.18	Rating **	M	Issue No.	1258 (cont)
LM End	20.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83273_90903.jpg



Overview of levee crown looking upstream

Photo 2 of 3 : UCIP_SP_2024_83273_90904.jpg



WS view: WS slope profile

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	20.18	Rating **	M	Issue No.	1258 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_83273_90905.jpg



LS view: LS slope profile

LM Start	20.27	Rating **	M	Issue No.	1259
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:70721
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.27)]. FS Date: 11/6/2020

Photo 1 of 2 : UCIP_SP_2024_70721_66309.jpg



Multiple crossings visible on waterward side--36 inch CMP is submersed in water.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	20.27	Rating **	M	Issue No.	1259 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_70721_66307.jpg



View of landward side.

LM Start	20.70	Rating **	M	Issue No.	1260
LM End	20.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.187901°	37.187901°
				-120.763508°	-120.763508°
DWR ID	19555				

No Photos

Comment Code**Inspector Comment**

DS_ID:19555
FS_ID:70724
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CM) 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 No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 20.71)].
FS Date: 5/6/2021 9:58:00 AM

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	21.40	Rating **	U	Issue No.	1261	
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:80999 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 09/15/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP) 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 (CM) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.40)]. FS Date: 5/16/2021						

Photo 1 of 3 : UCIP_SP_2024_80999_66313.jpg



Flap gate half way submersed located on waterward side.

LM Start	21.40	Rating **	U	Issue No.	1261 (cont)
LM End	21.40	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_80999_66311.jpg



View of landward side.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	21.40	Rating **	U	Issue No.	1261 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_80999_66310.jpg



No signs of concrete headwall on landward toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	21.75	Rating **	U	Issue No.	1262	
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					
Comment Code						
Inspector Comment						
DS_ID:19604 FS_ID:77848 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CM) gravity drainage pipe through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 21.76)]. FS Date: 5/6/2021 1:29:33 PM						

Photo 1 of 2 : UCIP_SP_2024_77848_65695.jpg



Flap gate visible on waterward side.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	21.75	Rating **	U	Issue No.	1262 (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 2 : UCIP_SP_2024_77848_65698.jpg



Crossing not found on landward side. No signs on canal located on landward side.

LM Start	22.12	Rating **	M	Issue No.	1263
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:70729
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CM) gravity drainage pipe through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, (SJR601.1), 1967, Revised 25 May 2011, (HLM 22.13)].
 FS Date: 5/6/2021 9:50:00 AM

Photo 1 of 2 : UCIP_SP_2024_70729_65707.jpg



Flap gate visible on waterward side.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	03/12/2024 03/12/2024	Corey Fujitani

LM Start	22.12	Rating **	M	Issue No.	1263 (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 2 of 2 : UCIP_SP_2024_70729_65710.jpg



View of landward side.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	0.74	Rating **	A/W	Issue No.	26
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.287094°	37.287094°
				-120.874422°	-120.874422°
DWR ID	DWR_NA0010_02A_s _ 2022_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow caved in along the landside toe. The toe is used in this section to bypass the erosion through the levee crown.					

Photo 1 of 1 : SP_2024_NA0010_119_26_20240212_00004.jpg



Ground on the landside toe collapsed from rodent activity. (Spring 2022)

LM Start	2.30	Rating **	M	Issue No.	30	
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:70941 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 7.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.32)]. FS Date: 6/8/2021						

Photo 1 of 1 : UCIP_SP_2024_70941_100118.jpg



LS view: Slope and headwall at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	2.58	Rating **	M	Issue No.	31	
LM End	2.58	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:70942 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.59)]. FS Date: 6/8/2021						

Photo 1 of 3 : UCIP_SP_2024_70942_100127.jpg



Levee crown looking downstream.

LM Start	2.58	Rating **	M	Issue No.	31 (cont)
LM End	2.58	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70942_100126.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	2.58	Rating **	M	Issue No.	31 (cont)
LM End	2.58	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_SP_2024_70942_100121.jpg



LS view: Slope from toe.

LM Start	2.95	Rating **	M	Issue No.	32
LM End	2.95	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:70943
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.96)].
 FS Date: 6/7/2021

Photo 1 of 1 : UCIP_SP_2024_70943_100135.jpg



LS view: Headwall barely visible at toe, covered in sediment.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	3.28	Rating **	M	Issue No.	33
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:70944 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.29)]. FS Date: 6/7/2021					

Photo 1 of 1 : UCIP_SP_2024_70944_100142.jpg



LS view: Toe from crown, pipe end not visible.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	3.61	Rating **	U	Issue No.	34	
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:83301 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O. Yakimov - DWR UCIP) 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.62)]. FS Date: 6/7/2021 1:46:07 PM						

Photo 1 of 1 : UCIP_SP_2024_83301_100143.jpg



LS view: Close up of pipe inlet and headwall. Sediment behind boards blocking pipe inlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	3.69	Rating **	M	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 : SP_2024_NA0010_119_23_20240212_00002.jpg



Rutting along the levee crown. (Fall 2023)

LM Start	3.94	Rating **	M	Issue No.	35	
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:70946						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, Maintenance Compliance Issue						
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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.95)].						
FS Date: 6/7/2021						

Photo 1 of 1 : UCIP_SP_2024_70946_100157.jpg



LS view: Close up of pipe inlet at toe covered in vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	5.41	Rating **	U	Issue No.	36	
LM End	5.41	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:77860 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 06/7/2021 The record remains Non-Urgent. Limited inspection on WS due to dense vegetation, flapgate not visible, recommend clearing away. Limited insepction 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.43)]. FS Date: 6/7/2021 1:46:28 PM						

Photo 1 of 1 : UCIP_SP_2024_77860_100161.jpg



WS view: Flapgate completely covered by vegetation at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	6.03	Rating **	U	Issue No.	37	
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:77861 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.06)]. FS Date: 6/7/2021 1:46:46 PM						

Photo 1 of 1 : UCIP_SP_2024_77861_100170.jpg



LS view: Headwall barely visible at toe, buried under sediment.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	6.47	Rating **	U	Issue No.	38
LM End	6.47	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:77862 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.50)]. FS Date: 6/7/2021 1:47:06 PM					

LM Start	6.47	Rating **	U	Issue No.	38 (cont)
LM End	6.47	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77862_100173.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_77862_100177.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	6.47	Rating **	U	Issue No.	38 (cont)
LM End	6.47	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 3 of 3 : UCIP_SP_2024_77862_100171.jpg



LS view: Close up of concrete box and pipe inlet.

LM Start	6.97	Rating **	C	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					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	7.02	Rating **	M	Issue No.	39	
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:70950 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.05)]. FS Date: 6/7/2021						

LM Start	7.02	Rating **	M	Issue No.	39 (cont)
LM End	7.02	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70950_100183.jpg



LS view: Headwall and inlet buried at toe.

Photo 2 of 2 : UCIP_SP_2024_70950_100178.jpg



WS view: Flapgate barely visible at toe from slope.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	7.74	Rating **	U	Issue No.	40
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				
Comment Code					
Inspector Comment					
DS_ID:19673 FS_ID:77863 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.77)]. FS Date: 6/7/2021 1:49:23 PM					

Photo 1 of 2 : UCIP_SP_2024_77863_100190.jpg



LS view: Headwall and inlet not visible under vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	03/15/2024 03/15/2024	Corey Fujitani

LM Start	7.74	Rating **	U	Issue No.	40 (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 2 : UCIP_SP_2024_77863_100188.jpg



WS view: Toe from crown, flapgate covered in vegetation but just visible.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	23
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:83302 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.16)]. FS Date: 6/7/2021					

Photo 1 of 2 : UCIP_SP_2024_83302_100043.jpg



LS view: Headwall barely visible at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	8.13	Rating **	M	Issue No.	23 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_83302_100046.jpg



WS view: Flapgate visible at toe.

LM Start	8.46	Rating **	M	Issue No.	24
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:70954
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.48)].
 FS Date: 6/7/2021

Photo 1 of 2 : UCIP_SP_2024_70954_100343.jpg



LS view: Close up of pipe inlet, covered in vegetation.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	24 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_70954_100338.jpg



WS view: Top of flapgate visible at toe.

LM Start	8.83	Rating **	M	Issue No.	25
LM End	8.83	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:70955
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded as HLM 9.86, should be HLM 8.86)].
 FS Date: 6/7/2021

Photo 1 of 1 : UCIP_SP_2024_70955_100350.jpg



LS view: Close up of pipe inlet at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	9.00	Rating **	A	Issue No.	26	
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:83303 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/25/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 06/07/2021 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.02)]. FS Date: 6/7/2021						

LM Start	9.00	Rating **	A	Issue No.	26 (cont)
LM End	9.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_83303_100353.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_83303_100354.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	9.00	Rating **	A	Issue No.	26 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_83303_100355.jpg



LS view: Slope and headwall at toe.

LM Start	9.17	Rating **	M	Issue No.	27
LM End	9.17	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:70957
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, 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 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.20)].
FS Date: 6/7/2021

Photo 1 of 1 : UCIP_SP_2024_70957_100363.jpg



LS view: Top of headwall visible, pipe inlet covered with dense vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

DWR ID	19686	Rating **	A	Issue No.	28	
LM End	9.43	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:83304						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 04/25/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP)						
12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP)						
06/07/2021 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.46)].						
FS Date: 12/20/2022 9:08:29 AM						

Photo 1 of 2 : UCIP_SP_2024_83304_100371.jpg



LS view: Slope and headwall at toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	9.43	Rating **	A	Issue No.	28 (cont)
LM End	9.43	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 2 of 2 : UCIP_SP_2024_83304_100372.jpg



LS view: Close up of pipe inlet 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	Trim / Thin Trees			37.220783°	37.220783°
				-120.785729°	-120.785729°
DWR ID	DWR_NA0010_02B_s _ 2024_15				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Broken tree limbs on the waterside slope.					

Photo 1 of 1 : SP_2024_NA0010_120_15_20240326_00027.jpg



View of fallen limb on the waterside slope. (Spring 2024)

LM Start	9.82	Rating **	C	Issue No.	18
LM End	9.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.218056°	37.218056°
				-120.784200°	-120.784200°
DWR ID	DWR_NA0010_02B_s _ 2022_18				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					
Tree branch has been moved outside the levee easement.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	10.09	Rating **	M	Issue No.	29	
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:70959 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.12)]. FS Date: 6/7/2021						

LM Start	10.09	Rating **	M	Issue No.	29 (cont)
LM End	10.09	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70959_100379.jpg



LS view: Close up of pipe inlet at toe, sediment built up.

Photo 2 of 2 : UCIP_SP_2024_70959_100374.jpg



WS view: Close up of flapgate partially underwater at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	10.78	Rating **	M	Issue No.	30	
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					
Comment Code						
Inspector Comment						
DS_ID:19688 FS_ID:70960 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.81)]. FS Date: 6/7/2021						

LM Start	10.78	Rating **	M	Issue No.	30 (cont)
LM End	10.78	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70960_100381.jpg



WS view: Toe from crown.

Photo 2 of 2 : UCIP_SP_2024_70960_100382.jpg



WS view: Dense vegetation covering flapgate at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	10.94	Rating **	C	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					

No Photos

LM Start	11.14	Rating **	M	Issue No.	31
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:70961 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.17)]. FS Date: 6/7/2021					

Photo 1 of 1 : UCIP_SP_2024_70961_100390.jpg



LS view: Headwall barely visible at toe, inlet covered in vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	11.40	Rating **	M	Issue No.	32	
LM End	11.40	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:70962 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 8.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.43)]. FS Date: 6/7/2021						

LM Start	11.40	Rating **	M	Issue No.	32 (cont)
LM End	11.40	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70962_100395.jpg



LS view: Toe from crown, dense vegetation, no pipe visible.

Photo 2 of 2 : UCIP_SP_2024_70962_100398.jpg



WS view: Close up of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	13.18	Rating **	M	Issue No.	33
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:70963 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 6.5 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.23). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.22)]. FS Date: 6/7/2021					

LM Start	13.18	Rating **	M	Issue No.	33 (cont)
LM End	13.18	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70963_100404.jpg



LS view: Close up of pipe inlet at toe, sediment buildup.

Photo 2 of 2 : UCIP_SP_2024_70963_100399.jpg



WS view: Close up of riser with slidegate on slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	03/15/2024 03/15/2024	Corey Fujitani

LM Start	13.73	Rating **	A/W	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 : SP_2024_NA0010_120_22_20240212_00004.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 M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	Corey Fujitani

LM Start	0.03	Rating **	M	Issue No.	7
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.111324°	37.106562°
				-120.587750°	-120.586106°
DWR ID	DWR_NA0010_03_s_2024_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.15	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			37.109571°	37.109013°
				-120.587793°	-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. LMA has placed bait stations in the area.					

Photo 1 of 1 : SP_2024_NA0010_121_67_20240326_00017.jpg



View of rodent burrows on the landside slope. (Spring 2024)

LM Start	0.31	Rating **	U	Issue No.	11
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.107440°	37.107440°
				-120.587005°	-120.587005°
DWR ID	DWR_NA0010_03_s_2022_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large amount of material displaced on the landside toe.					

Photo 1 of 1 : SP_2024_NA0010_121_11_20240212_00004.jpg



View of several rodent holes with large amounts of material displaced. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	Corey Fujitani

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	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:70965 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.43). DWR As-Built Specification No. 62-03, Sheet No. 10, 18 June 1962, (HLM 0.43)]. FS Date: 7/12/2021					

Photo 1 of 1 : UCIP_SP_2024_70965_101342.jpg



LS toe: Headwall buried under vegetation.

LM Start	0.57	Rating **	A/W	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 : SP_2024_NA0010_121_10_20240212_00003.jpg



Several large rodent burrows observed at this location. (Spring 2021)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	Corey Fujitani

LM Start	0.64	Rating **	M	Issue No.	15
LM End	0.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.103722°	37.103540°
				-120.583476°	-120.582863°
DWR ID	DWR_NA0010_03_s_2021_15				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_121_15_20240212_00007.jpg



View of rodent holes on the landside slope. (Fall 2022)

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:83306 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.77). DWR As-Built Specification No. 62-03, Sheet No. 10, 18 June 1962, (HLM 0.77)]. FS Date: 7/12/2021						

Photo 1 of 2 : UCIP_SP_2024_83306_101351.jpg



LS view: Pipe inlet and headwall covered in vegetation.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	Corey Fujitani

LM Start	0.76	Rating **	M	Issue No.	69 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_83306_101353.jpg



WS view: Closeup of flapgate at toe.

LM Start	1.70	Rating **	M	Issue No.	12
LM End	1.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.092231°	37.091302°
				-120.572337°	-120.571632°
DWR ID	DWR_NA0010_03_f_2020_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_121_12_20240212_00005.jpg



View of several animal holes in the landside slope. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	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:83307 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/12/2021 The record remains Non-Urgent. There is dense vegetation over LS pipe inlet and WS flap gate, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.72). DWR As-Built Specification No. 62-03, Sheet No. 11, 18 June 1962, (HLM 1.72)]. FS Date: 7/12/2021						

Photo 1 of 2 : UCIP_SP_2024_83307_101359.jpg



LS view: Slope and headwall from toe.

LM Start	1.71	Rating **	M	Issue No.	70 (cont)
LM End	1.71	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2024_83307_101356.jpg



WS view: Close up of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	03/21/2024 03/21/2024	Corey Fujitani

LM Start	1.77	Rating **	A/W	Issue No.	17
LM End	1.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.091446°	37.091446°
				-120.571777°	-120.571777°
DWR ID	DWR_NA0010_03_s_2022_17				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_121_17_20240212_00008.jpg



Multiple rodent burrows observed on the waterside slope. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	03/21/2024 03/21/2024	Corey Fujitani

LM Start	0.10	Rating **	C	Issue No.	10
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.111692°	37.111692°
				-120.590312°	-120.590312°
DWR ID	DWR_NA0010_04_s_2022_10				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.24	Rating **	M	Issue No.	11
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:70974 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 18.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.27)]. FS Date: 7/12/2021					

Photo 1 of 2 : UCIP_SP_2024_70974_101406.jpg



LS view: Pipe inlet with water in it at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	03/21/2024 03/21/2024	Corey Fujitani

LM Start	0.24	Rating **	M	Issue No.	11 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_70974_101408.jpg



WS view: Pipe and flapgate not visible due to dense vegetation and water.

LM Start	0.56	Rating **	M	Issue No.	4
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.105815°	37.097556°
				-120.588568°	-120.578130°
DWR ID	DWR_NA0010_04_s_2024_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_122_4_20240326_00005.jpg



View of vegetation on the landside slope. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70983 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 6, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.07)]. FS Date: 6/1/2021					

LM Start	0.08	Rating **	M	Issue No.	1310 (cont)
LM End	0.08	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70983_99632.jpg



WS view: Sloughing on the slope from toe, 1 of 2 photos.

Photo 2 of 2 : UCIP_SP_2024_70983_99633.jpg



WS view: Side view of the sloughing on the slope, 2 of 2 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.31	Rating **	C	Issue No.	149
LM End	0.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.276667°	37.276667°
				-120.819817°	-120.819817°
DWR ID	DWR_NA0010_05_f_2023_149				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	0.31	Rating **	M	Issue No.	1312
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.276578°	37.276578°
				-120.819793°	-120.819793°
DWR ID	19557				
Comment Code					
Inspector Comment					
DS_ID:19557 FS_ID:70985 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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 No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.30)]. FS Date: 6/1/2021					

Photo 1 of 3 : UCIP_SP_2024_70985_99649.jpg



Levee crown looking downstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	1312 (cont)
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.276578°	37.276578°
				-120.819793°	-120.819793°
DWR ID	19557				

Photo 2 of 3 : UCIP_SP_2024_70985_99648.jpg



LS view: Slope and toe from crown, no pipe visible.

LM Start	0.31	Rating **	M	Issue No.	1312 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70985_99650.jpg



LS view: Toe from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.60	Rating **	A	Issue No.	1313	
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					
Comment Code						
Inspector Comment						
DS_ID:19757						
FS_ID:70986						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP)						
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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.59). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (Station -2+15)].						
FS Date: 6/1/2021						

LM Start	0.60	Rating **	A	Issue No.	1313 (cont)
LM End	0.60	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70986_99656.jpg



LS view: Close up of pipe inlet at toe.

Photo 2 of 2 : UCIP_SP_2024_70986_99653.jpg



WS view: Close up of flapgate at toe.

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.65	Rating **	M	Issue No.	1314
LM End	0.65	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:83309
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.65). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 0.65)].
FS Date: 6/1/2021 9:49:16 AM

Photo 1 of 2 : UCIP_SP_2024_83309_99660.jpg



LS view: Headwall barely visible at toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.65	Rating **	M	Issue No.	1314 (cont)	
LM End	0.65	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 2 of 2 : UCIP_SP_2024_83309_99658.jpg



WS view: Close up of flapgate at toe.

LM Start	0.69	Rating **	A	Issue No.	98
LM End	0.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273083°	37.273083°
				-120.814567°	-120.814567°
DWR ID	DWR_NA0010_05_s_2024_98				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_98_20240326_00294.jpg



View of the landside slope looking upstream. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.85	Rating **	A	Issue No.	1315
LM End	0.85	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:83314 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/25/2024 Record updated from Non-Urgent to No Action Needed. DMP internal video inspection has found none or minor pipe defects. (M. Thao - DWR UCIP) 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 06/01/2021 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.84). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 0.84)]. FS Date: 6/1/2021 11:24:27 AM					

Photo 1 of 2 : UCIP_SP_2024_83314_99663.jpg



LS view: Close up of pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	0.85	Rating **	A	Issue No.	1315 (cont)
LM End	0.85	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 2 : UCIP_SP_2024_83314_99667.jpg



WS view: Close up of flapgate at toe.

LM Start	0.90	Rating **	A/W	Issue No.	154
LM End	0.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.271264°	37.271264°
				-120.811934°	-120.811934°
DWR ID	DWR_NA0010_05_s_2022_154				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Shallow depression on the lower 1/3 of the waterside slope. Possibly from livestock, but no visible trail leading to the depression. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_123_154_20240212_00043.jpg



View of minor slope erosion on the waterside. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70989
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, Maintenance Compliance Issue
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 (CMP) through the levee, 21.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.44). DWR As-Built Specification No. 63-25, Sheet No. 4, 9 May 1963, (HLM 1.44)].
FS Date: 6/1/2021

LM Start	1.45	Rating **	M	Issue No.	1316 (cont)
LM End	1.45	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_70989_99675.jpg



WS view: Close up of flapgate at toe, 1 of 2 photos.

Photo 2 of 2 : UCIP_SP_2024_70989_99676.jpg



WS view: Close up of flapgate at toe with bar sticking through, 2 of 2 photos.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	1.47	Rating **	M	Issue No.	159
LM End	1.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.265605°	37.265605°
				-120.804784°	-120.804784°
DWR ID	DWR_NA0010_05_f_2022_159				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Downed tree branch on the landside toe.					

Photo 1 of 1 : SP_2024_NA0010_123_159_20240212_00046.jpg



Fallen tree on the landside slope and toe. (Fall 2022)

LM Start	1.53	Rating **	U	Issue No.	156
LM End	1.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265008°	37.265008°
				-120.804010°	-120.804010°
DWR ID	DWR_NA0010_05_s_2022_156				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows observed. A few appear to penetrate the levee through to the landside.					

Photo 1 of 1 : SP_2024_NA0010_123_156_20240212_00044.jpg



Several rodent holes observed on the waterside slope. (Spring 2022)

LM Start	1.67	Rating **	M	Issue No.	172
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263363°	37.263363°
				-120.802729°	-120.802729°
DWR ID	DWR_NA0010_05_f_2022_172				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_172_20240212_00057.jpg



Rodent burrows on the landside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	1.74	Rating **	M	Issue No.	99
LM End	1.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.262388°	37.262388°
				-120.802482°	-120.802482°
DWR ID	DWR_NA0010_05_s_2024_99				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes observed and appear to penetrate to the landside slope.					

Photo 1 of 1 : SP_2024_NA0010_123_99_20240326_00295.jpg



Several rodent holes noted at this section. (Spring 2024)

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	Trim / Thin Trees			37.256805°	37.256805°
				-120.785434°	-120.785434°
DWR ID	DWR_NA0010_05_s_2019_102				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_102_20240212_00010.jpg



Tree limb has fallen on the landside slope and toe. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70990 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 15.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.85). DWR As-Built Specification No. 63-25, Sheet No. 5, 9 May 1963, (HLM 2.85)]. FS Date: 6/1/2021						

Photo 1 of 1 : UCIP_SP_2024_70990_99683.jpg



WS view: Close up of flapgate at toe.

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_s_2022_127				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	3.34	Rating **	A	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:70991 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.33). DWR As-Built Specification No. 63-25, Sheet No. 5, 9 May 1963, (HLM 3.33)]. FS Date: 6/1/2021						

Photo 1 of 3 : UCIP_SP_2024_70991_99684.jpg



LS view: Close up of pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	3.34	Rating **	A	Issue No.	1318 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_70991_99688.jpg



WS view: Corroded metal causing holes in pipe outlet at toe.

LM Start	3.34	Rating **	A	Issue No.	1318 (cont)
LM End	3.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_70991_99692.jpg



WS view: Inside pipe outlet at toe, peeling away of liner or metal, 1 of 2 photos.

LM Start	3.55	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_123_134_20240212_00028.jpg



Looking at typical rodent holes within this section. (Spring 2018)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70992 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 15.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.67). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 3.67)]. FS Date: 6/1/2021					

Photo 1 of 1 : UCIP_SP_2024_70992_99695.jpg



LS view: Close up of pipe inlet at toe, some debris buildup.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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:70993 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 16.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.02). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.02)]. FS Date: 6/1/2021						

Photo 1 of 1 : UCIP_SP_2024_70993_99703.jpg



LS view: Close up of pipe inlet with sediment buildup at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	4.27	Rating **	U	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:77866 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.27). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.27)]. FS Date: 6/1/2021 1:53:07 PM					

Photo 1 of 3 : UCIP_SP_2024_77866_99715.jpg



LS view: Close up of pipe inlet with sediment buildup at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	4.27	Rating **	U	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 2 of 3 : UCIP_SP_2024_77866_99713.jpg



WS view: Burrow complex holes, 1 of 3 photos.

LM Start	4.27	Rating **	U	Issue No.	1321 (cont)
LM End	4.27	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77866_99709.jpg



WS view: Burrow complex holes on slope from toe, 3 of 3 photos.

LM Start	4.33	Rating **	A/W	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 : SP_2024_NA0010_123_131_20240212_00027.jpg



View of a large rodent hole in landward slope. (Fall 2018)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	4.33	Rating **	A/W	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 : SP_2024_NA0010_123_117_20240212_00016.jpg



Several rodent burrows observed at this location. (Fall 2020)

LM Start	4.46	Rating **	A/W	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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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:70995 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.54). DWR As-Built Specification No. 63-25, Sheet No. 6, 9 May 1963, (HLM 4.54)]. FS Date: 6/1/2021					

Photo 1 of 1 : UCIP_SP_2024_70995_99718.jpg



LS view: Close up of pipe inlet with sediment buildup 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 : SP_2024_NA0010_123_100_20240212_00008.jpg



Several rodent burrows noted at this location. (Spring 2021)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70996						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.89). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 4.89)].						
FS Date: 6/1/2021						

Photo 1 of 1 : UCIP_SP_2024_70996_100748.jpg



LS view: Inside pipe inlet with sediment buildup at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	5.15	Rating **	U	Issue No.	1324	
LM End	5.15	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:77867 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.15). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 5.15)]. FS Date: 6/1/2021 1:53:28 PM						

LM Start	5.15	Rating **	U	Issue No.	1324 (cont)
LM End	5.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77867_100756.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2024_77867_100760.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	5.15	Rating **	U	Issue No.	1324 (cont)
LM End	5.15	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 3 of 3 : UCIP_SP_2024_77867_100754.jpg



LS view: Slope and headwall at toe.

LM Start	5.58	Rating **	U	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:77868
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP)
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.58). DWR As-Built Specification No. 63-25, Sheet No. 7, 9 May 1963, (HLM 5.58)].
 FS Date: 6/1/2021 1:53:51 PM

Photo 1 of 3 : UCIP_SP_2024_77868_100766.jpg



Levee crown looking upstream.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	5.58	Rating **	U	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 2 of 3 : UCIP_SP_2024_77868_100768.jpg



LS view: Toe from crown.

LM Start	5.58	Rating **	U	Issue No.	1325 (cont)
LM End	5.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77868_100769.jpg



LS view: Slope from toe.

LM Start	5.83	Rating **	A/W	Issue No.	151
LM End	5.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.236850°	37.236850°
				-120.736157°	-120.736157°
DWR ID	DWR_NA0010_05_f_2023_151				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion pocket appears to be just outside of the levee prism in the levee toe. Recommend repairing before it can worsen.					

Photo 1 of 1 : SP_2024_NA0010_123_151_20240212_00040.jpg



Erosion on the landside toe just outside the theoretical prism. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	5.94	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_123_138_20240212_00030.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	5.99	Rating **	A/W	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					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on both sides of the levee but the integrity of the levee is not compromised. Continue to monitor.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:70999 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.35). DWR As-Built Specification No. 63-25, Sheet No. 8, 9 May 1963, (HLM 6.35)]. FS Date: 6/1/2021						

Photo 1 of 3 : UCIP_SP_2024_70999_100772.jpg



Levee crown looking upstream.

LM Start	6.35	Rating **	M	Issue No.	1326 (cont)
LM End	6.35	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_70999_100776.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	6.35	Rating **	M	Issue No.	1326 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_70999_100771.jpg



LS view: Headwall visible at toe behind barbed wire.

LM Start	6.40	Rating **	C	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					

No Photos

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 M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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	Erosion / Livestock			37.230013°	37.230013°
				-120.726832°	-120.726832°
DWR ID	DWR_NA0010_05_f_2018_140				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion on slope near the gate has been repaired with loose material. Monitor for settlement.					

Photo 1 of 1 : SP_2024_NA0010_123_140_20240212_00032.jpg



Erosion on landward slope caused by animal foot traffic. (Fall 2018)

LM Start	6.59	Rating **	A/W	Issue No.	1309
LM End	6.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.229682°	37.229682°
				-120.726305°	-120.726305°
DWR ID	DWR_NA0010_05_s_2015_1309				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
The landside slope has damage caused by animal foot traffic but the integrity of the levee is not compromised. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_123_1309_20240212_00075.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	6.70	Rating **	C	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					

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:71000 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 12.0 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 7.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.36). DWR As-Built Specification No. 63-25, Sheet No. 8, 9 May 1963, (HLM 7.36)]. FS Date: 6/9/2021						

Photo 1 of 1 : UCIP_SP_2024_71000_100779.jpg



LS view: Closeup of pipe inlet with sediment buildup at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	7.58	Rating **	M	Issue No.	1328
LM End	7.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.221471°	37.221471°
				-120.713780°	-120.713780°
DWR ID	19762				
Comment Code					
Inspector Comment					
DS_ID:19762 FS_ID:71001 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 20.4 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 7.57). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.58). DWR As-Built Specification No. 63-25, Sheet No. 9, 9 May 1963, (HLM 7.58)]. FS Date: 6/9/2021					

LM Start	7.58	Rating **	M	Issue No.	1328 (cont)
LM End	7.58	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71001_100786.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2024_71001_100784.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	7.58	Rating **	M	Issue No.	1328 (cont)
LM End	7.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.221471°	37.221471°
				-120.713780°	-120.713780°
DWR ID	19762				

Photo 3 of 3 : UCIP_SP_2024_71001_100785.jpg



LS view: Slope from toe, no pipe visible.

LM Start	7.59	Rating **	C	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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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:71002 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded as Unit 10 HLM 0.02, located in Unit 5 CLM 7.68)]. FS Date: 6/9/2021					

LM Start	7.68	Rating **	M	Issue No.	1329 (cont)
LM End	7.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71002_100805.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2024_71002_100809.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	7.68	Rating **	M	Issue No.	1329 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71002_100803.jpg



LS view: Slope and headwall at toe.

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:71003
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CMP) through the levee, 16.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.44). DWR As-Built Specification No. 63-25, Sheet No. 9, 9 May 1963, (HLM 8.44)].
 FS Date: 6/9/2021

Photo 1 of 3 : UCIP_SP_2024_71003_100811.jpg



Levee crown looking upstream.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	8.46	Rating **	M	Issue No.	1330 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71003_100815.jpg



LS view: Toe from crown.

LM Start	8.46	Rating **	M	Issue No.	1330 (cont)
LM End	8.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71003_100816.jpg



LS view: Slidegate visible at the toe behind barbed wire.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	9.28	Rating **	M	Issue No.	1331
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:71009 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 14.8 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 9.24). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.26). DWR As-Built Specification No. 61-01, Sheet No. 52, 7 March 1961, (HLM 9.26)]. FS Date: 6/9/2021					

LM Start	9.28	Rating **	M	Issue No.	1331 (cont)
LM End	9.28	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71009_100872.jpg



WS view: Close up of riser and slidegate, missing partial cover.

Photo 2 of 2 : UCIP_SP_2024_71009_100874.jpg



WS view: Close up of pipe inlet at toe, filled with sediment.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	9.41	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			37.201636°	37.201240°
				-120.688154°	-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 : SP_2024_NA0010_123_101_20240212_00009.jpg



Multiple rodent holes in the waterside slope. (Spring 2021)

LM Start	10.06	Rating **	M	Issue No.	1332
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:71010 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 15.0 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 10.05). DWR As-Built Specification No. 61-01, Sheet No. 52, 7 March 1961, (HLM 10.05)]. FS Date: 6/9/2021					

Photo 1 of 3 : UCIP_SP_2024_71010_100878.jpg



Levee crown looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	10.06	Rating **	M	Issue No.	1332 (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 2 of 3 : UCIP_SP_2024_71010_100883.jpg



LS view: Toe from crown.

LM Start	10.06	Rating **	M	Issue No.	1332 (cont)
LM End	10.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71010_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 : SP_2024_NA0010_123_105_20240212_00011.jpg



View of rodent activity in the landside slope. (Fall 2020)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	10.45	Rating **	A/W	Issue No.	174
LM End	10.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.190964°	37.190964°
				-120.674862°	-120.674862°
DWR ID	DWR_NA0010_05_f_2022_174				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_174_20240212_00059.jpg



Erosion on the waterside slope from livestock activity. (Fall 2022)

LM Start	10.66	Rating **	C	Issue No.	142
LM End	10.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.190286°	37.190286°
				-120.671207°	-120.671207°
DWR ID	DWR_NA0010_05_f_2018_142				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					

No Photos

LM Start	10.79	Rating **	C	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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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					
T3 : Fallen tree with root ball.					
Inspector Comment					
Tree limbs on the levee toe should be moved from the easement.					

Photo 1 of 1 : SP_2024_NA0010_123_144_20240212_00034.jpg



View of tree limbs on levee slope. (Spring 2022)

LM Start	11.44	Rating **	C	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					
T3 : Fallen tree with root ball.					
Inspector Comment					

No Photos

LM Start	11.49	Rating **	U	Issue No.	147
LM End	11.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.186482°	37.186482°
				-120.657935°	-120.657935°
DWR ID	DWR_NA0010_05_f_2021_147				
Comment Code					
T3 : Fallen tree with root ball.					
Inspector Comment					
Tree limbs are located on landside slope and toe.					

Photo 1 of 1 : SP_2024_NA0010_123_147_20240212_00036.jpg



Tree limbs on levee toe. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1333
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:71012 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 Drain] 1 of 2: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Slide gate in a 60-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.48). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.48)]. FS Date: 6/22/2021					

LM Start	11.49	Rating **	M	Issue No.	1333 (cont)
LM End	11.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71012_103968.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2024_71012_103970.jpg



LS view of slope from levee crown.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	11.49	Rating **	M	Issue No.	1333 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71012_103973.jpg



LS view: concrete headwall and inlet pipe visible on slope.

LM Start	11.50	Rating **	M	Issue No.	1334
LM End	11.50	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:71013
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 Drain] 2 of 2: 48-inch corrugated metal gravity drainage pipe (CMP) through the levee, 16.0 feet below the crown. Slide gate in a 60-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.48). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.48)].
FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2024_71013_104487.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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	11.50	Rating **	M	Issue No.	1334 (cont)
LM End	11.50	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_SP_2024_71013_104489.jpg



LS view: Toe from crown.

LM Start	11.50	Rating **	M	Issue No.	1334 (cont)
LM End	11.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71013_104486.jpg



LS view: Closeup of inlet at toe.

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	11.65	Rating **	M	Issue No.	1335
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:77929 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.63). DWR As-Built Specification No. 61-01, Sheet No. 53, 7 March 1961, (HLM 11.63)]. FS Date: 6/22/2021 11:25:08 AM					

Photo 1 of 2 : UCIP_SP_2024_77929_103981.jpg



LS view: closeup of concrete headwall and inlet pipe.

LM Start	11.65	Rating **	M	Issue No.	1335 (cont)
LM End	11.65	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2024_77929_103979.jpg



WS view: closeup of flapgate.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.01	Rating **	U	Issue No.	1336
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				
Comment Code					
Inspector Comment					
DS_ID:19705 FS_ID:71016 EP_NO: N/A Repair Type: Urgent EVAL Issue: 2b, Levee Integrity Crossing Status: Found UCIP Comments: 12/20/2022 Record remains Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. Erosion around concrete headwall on WS needs to be repaired. (O.Yakimov - DWR UCIP) 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 4.1 and 5. Crossing will be monitored until funding becomes available for rehabilitation. Limited inspection of LS due to dense vegetation; recommend removal. Erosion around concrete headwall on WS, at least 1 foot in depth. 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 12.5 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. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.99). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 11.99)]. FS Date: 6/22/2021					

Photo 1 of 2 : UCIP_SP_2024_71016_103983.jpg



LS view: slope from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.01	Rating **	U	Issue No.	1336 (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 2 : UCIP_SP_2024_71016_103986.jpg



WS view: visible erosion around concrete headwall, 1 of 2 photos.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.40	Rating **	U	Issue No.	1337
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:71017 EP_NO: N/A Repair Type: Urgent EVAL Issue: 2b, Levee Integrity Crossing Status: Found UCIP Comments: 12/20/2022 Record remains Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. Erosion around flapgate and concrete headwall on waterside needs to be addressed. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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 a 45-degree angle. [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.38). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 12.38). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 12.38)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2024_71017_104007.jpg



LS view: Slope from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.40	Rating **	U	Issue No.	1337 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71017_104003.jpg



WS view: closeup of flapgate and erosion, 1 of 3 photos.

LM Start	12.40	Rating **	U	Issue No.	1337 (cont)
LM End	12.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71017_104004.jpg



WS view: closeup of flapgate and erosion at toe, 2 of 3 photos.

LM Start	12.82	Rating **	C	Issue No.	109
LM End	12.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.175814°	37.175814°
				-120.642171°	-120.642171°
DWR ID	DWR_NA0010_05_s_2021_109				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.89	Rating **	M	Issue No.	1338
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:71018 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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 the LS toe inlet. [Additional Reference(s): DWR Levee Log, 2002, (HLM 12.87). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 12.87). DWR As-Built Specification No. 61-01, Sheet No. 54, 7 March 1961, (HLM 12.87)]. FS Date: 6/22/2021					

Photo 1 of 3 : UCIP_SP_2024_71018_103998.jpg



LS view: concrete headwall and inlet pipe at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.89	Rating **	M	Issue No.	1338 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71018_103996.jpg



LS view: concrete headwall and inlet pipe.

LM Start	12.89	Rating **	M	Issue No.	1338 (cont)
LM End	12.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71018_103995.jpg



WS view: closeup of flapgate.

LM Start	12.91	Rating **	M	Issue No.	158
LM End	12.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.175803°	37.175792°
				-120.640429°	-120.640242°
DWR ID	DWR_NA0010_05_f_2019_158				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Tree limb on the landside slope should be removed.					

Photo 1 of 1 : SP_2024_NA0010_123_158_20240212_00045.jpg



View of downed tree limb on the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	12.99	Rating **	M	Issue No.	2
LM End	13.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.175638°	37.175576°
				-120.639076°	-120.638755°
DWR ID	DWR_NA0010_05_s_2016_2				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
There are several downed trees on landside toe.					

Photo 1 of 1 : SP_2024_NA0010_123_2_20240212_00002.jpg



Looking west at down tree at landward toe. (Spring 2022)

LM Start	13.05	Rating **	C	Issue No.	150
LM End	13.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.175314°	37.175314°
				-120.638034°	-120.638034°
DWR ID	DWR_NA0010_05_f_2018_150				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

No Photos

LM Start	13.15	Rating **	C	Issue No.	152
LM End	13.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.174444°	37.174444°
				-120.636589°	-120.636589°
DWR ID	DWR_NA0010_05_f_2018_152				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
There is a tree trunk on landside toe.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.27	Rating **	C	Issue No.	181
LM End	13.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.173096°	37.173096°
				-120.635130°	-120.635130°
DWR ID	DWR_NA0010_05_s_2019_181				
Comment Code					
T2 : 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	Trim / Thin Trees			37.172079°	37.172033°
				-120.634036°	-120.634005°
DWR ID	DWR_NA0010_05_s_2021_112				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_112_20240212_00014.jpg



View of tree limbs on the landside toe and slope. (Spring 2021)

LM Start	13.42	Rating **	U	Issue No.	170
LM End	13.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.171545°	37.171545°
				-120.633480°	-120.633480°
DWR ID	DWR_NA0010_05_s_2022_170				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_170_20240212_00055.jpg



Erosion from livestock on the waterside slope around the pipe crossing. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.42	Rating **	M	Issue No.	1339
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:71019 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Flashboard attachment in a 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.40)]. FS Date: 6/22/2021					

LM Start	13.42	Rating **	M	Issue No.	1339 (cont)
LM End	13.42	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71019_104014.jpg



LS view from toe: concrete headwall and inlet pipe. Slope visible in background.

Photo 2 of 2 : UCIP_SP_2024_71019_104015.jpg



LS view from toe: closeup of concrete headwall and inlet.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.44	Rating **	U	Issue No.	209
LM End	13.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.171249°	37.171249°
				-120.633157°	-120.633157°
DWR ID	DWR_NA0010_05_s_2020_209				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Dead tree should be removed before it can damage the levee.					

Photo 1 of 1 : SP_2024_NA0010_123_209_20240212_00073.jpg



Dead tree falling over on the landside toe. (Spring 2022)

LM Start	13.49	Rating **	U	Issue No.	180
LM End	13.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.170689°	37.170689°
				-120.632569°	-120.632569°
DWR ID	DWR_NA0010_05_f_2022_180				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Tree trunk and limbs on the levee toe.					

Photo 1 of 1 : SP_2024_NA0010_123_180_20240212_00061.jpg



Fallen trees and broken limbs on the landside slope and toe. (Fall 2023)

LM Start	13.59	Rating **	M	Issue No.	182
LM End	13.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.169572°	37.169572°
				-120.631384°	-120.631384°
DWR ID	DWR_NA0010_05_s_2024_182				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					
Fallen limb has been pushed on to levee toe.					

Photo 1 of 1 : SP_2024_NA0010_123_182_20240212_00062.jpg



Broken tree limbs on the landside toe and slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.72	Rating **	M	Issue No.	1340	
LM End	13.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.168202°	37.168202°	
				-120.629886°	-120.629886°	
DWR ID	19709					
Comment Code						
Inspector Comment						
DS_ID:19709 FS_ID:71020 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on a 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded as HLM 14.72, should be 13.72)]. FS Date: 6/22/2021						

LM Start	13.72	Rating **	M	Issue No.	1340 (cont)
LM End	13.72	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71020_104016.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2024_71020_104017.jpg



LS view of slope to 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 : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.72	Rating **	M	Issue No.	1340 (cont)
LM End	13.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.168202°	37.168202°
				-120.629886°	-120.629886°
DWR ID	19709				

Photo 3 of 3 : UCIP_SP_2024_71020_104018.jpg



WS view of slope from toe.

LM Start	13.85	Rating **	U	Issue No.	1342
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:71023
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 09/19/2023 DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP)
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.83). DWR As-Built Specification No. 61-01, Sheet No. 55, 7 March 1961, (HLM 13.83)].
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2024_71023_104025.jpg



LS view of slope from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	13.85	Rating **	U	Issue No.	1342 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71023_104026.jpg



LS view: concrete wier intake structure at toe.

LM Start	13.85	Rating **	U	Issue No.	1342 (cont)
LM End	13.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71023_104024.jpg



WS view from toe: concrete headwall, flapgate, and outlet pipe.
Subsidence along slope in background.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	14.38	Rating **	M	Issue No.	4
LM End	14.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
Item				Start	End
	37.162949°		37.162949°		
	-120.619138°		-120.619138°		
DWR ID	NA0010U05RM12.22				
Comment Code					
Inspector Comment					
Site ID: NA0010U05RM12.22					
8/10/2023: From 2022 to present, significant changes were observed during the annual survey, scarp increased to 6 feet and length to 500 feet.					
08/03/2022: No significant changes were observed since the previous inspection.					
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 several of rodent holes on the entire levee slope.					

Photo 1 of 1 : SP_2024_NA0010_123_4_20240212_00005.jpg



8/10/2023: View of the erosion under wavewash protection.

LM Start	14.46	Rating **	M	Issue No.	1343	
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					
Comment Code						
Inspector Comment						
DS_ID:19711						
FS_ID:71024						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, 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						
(CMP) 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). USACE San Joaquin O&M Manual, Unit						
No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985,						
(HLM 14.44)]						
FS Date: 6/22/2021						

Photo 1 of 1 : UCIP_SP_2024_71024_104033.jpg



LS view of slope from toe: concrete headwall visible in background.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	14.47	Rating **	U	Issue No.	119
LM End	14.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.162647°	37.162540°
				-120.618376°	-120.618091°
DWR ID	DWR_NA0010_05_s_2021_119				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Slope erosion on the waterside slope. Possibly caused by livestock.					

Photo 1 of 1 : SP_2024_NA0010_123_119_20240212_00018.jpg



Looking upstream along the waterside slope at erosion spots. (Spring 2022)

LM Start	15.11	Rating **	U	Issue No.	1344	
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:81020 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 09/19/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.09)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2024_81020_104051.jpg



LS view: Closeup of inlet pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	15.11	Rating **	U	Issue No.	1344 (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 2 of 3 : UCIP_SP_2024_81020_104048.jpg



WS view from toe: concrete headwall, flapgate, and outlet pipe. Erosion along slope visible in background.

LM Start	15.11	Rating **	U	Issue No.	1344 (cont)
LM End	15.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_81020_104049.jpg



WS view from toe: closeup of flapgate and outlet pipe.

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					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_110_20240212_00013.jpg



Erosion along the waterside slope. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	15.30	Rating **	M	Issue No.	3
LM End	15.32	Issue Type +	Ma	Location *	WS
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					

Comment Code

Inspector Comment

Site ID: NA0010U05RM13.09

8/10/2023: From 2022 to present, significant changes were observed during the annual survey, scarp increased to 6 feet.

08/03/2022: From 2021 to present, no significant changes were observed during the annual survey. The erosion length was updated to 80 ft based on more accurate field measurements.

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.

LM Start	15.30	Rating **	M	Issue No.	3 (cont)
LM End	15.32	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SP_2024_NA0010_123_3_20240212_00003.jpg



8/10/2023: View of the erosion looking downstream under wavewash protection.

Photo 2 of 2 : SP_2024_NA0010_123_3_20240212_00004.jpg



8/10/2023: Cloes-up view of erosion.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown		** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain		+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement	
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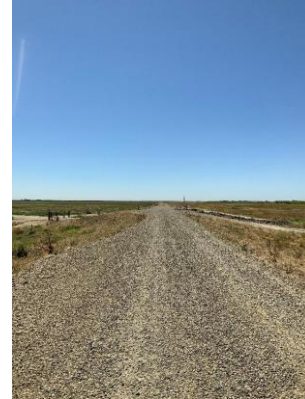
**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	15.76	Rating **	M	Issue No.	1345	
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:71026 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 11.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.74)]. FS Date: 6/22/2021						

LM Start	15.76	Rating **	M	Issue No.	1345 (cont)
LM End	15.76	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71026_104037.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2024_71026_104039.jpg



LS view of slope to 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	15.76	Rating **	M	Issue No.	1345 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71026_104042.jpg



LS view of slope to toe. Concrete headwall visible at toe.

LM Start	15.81	Rating **	M	Issue No.	1346
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:71028
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.80)].
 FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2024_71028_104057.jpg



View from levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	15.81	Rating **	M	Issue No.	1346 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71028_104056.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

LM Start	15.81	Rating **	M	Issue No.	1346 (cont)
LM End	15.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71028_104061.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	16.09	Rating **	M	Issue No.	1
LM End	16.13	Issue Type +	Ma	Location *	WS
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 8/10/2023: From 2022 to present, significant changes were observed during the annual survey, scarp was increased 6 feet. 08/03/2022: The scarp height was updated to 3 ft and there is less vegetation cover than previously. 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 1 : SP_2024_NA0010_123_1_20240212_00001.jpg



8/10/2023: View of the erosion under wavewash protection.

LM Start	16.34	Rating **	M	Issue No.	173
LM End	16.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.143141°	37.143141°
				-120.595183°	-120.595183°
DWR ID	DWR_NA0010_05_s_2022_173				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_173_20240212_00058.jpg



Looking downstream along the waterside slope at erosion from livestock activity. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	16.68	Rating **	M	Issue No.	1347
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				
Comment Code					
Inspector Comment					
DS_ID:19716 FS_ID:71029 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 16.67). DWR As-Built Specification No. 61-01, Sheet No. 57, 7 March 1961, (HLM 16.67)]. FS Date: 6/22/2021					

LM Start	16.68	Rating **	M	Issue No.	1347 (cont)
LM End	16.68	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71029_104063.jpg



View from levee crown.

Photo 2 of 3 : UCIP_SP_2024_71029_104064.jpg



LS view of slope to toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	16.68	Rating **	M	Issue No.	1347 (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 3 of 3 : UCIP_SP_2024_71029_104068.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

LM Start	17.22	Rating **	M	Issue No.	1348
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:71030
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 17.20)].
FS Date: 6/22/2021

Photo 1 of 3 : UCIP_SP_2024_71030_104070.jpg



View from levee crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	17.22	Rating **	M	Issue No.	1348 (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 2 of 3 : UCIP_SP_2024_71030_104071.jpg



LS view of slope to toe from crown.

LM Start	17.22	Rating **	M	Issue No.	1348 (cont)
LM End	17.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71030_104075.jpg



LS view at 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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	17.54	Rating **	M	Issue No.	1349	
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:71031 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 17.52). DWR As-Built Specification No. 61-01, Sheet No. 58, 7 March 1961, (HLM 17.52)]. FS Date: 6/22/2021						

Photo 1 of 3 : UCIP_SP_2024_71031_104077.jpg



View from levee crown.

LM Start	17.54	Rating **	M	Issue No.	1349 (cont)
LM End	17.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71031_104078.jpg



LS view of slope to toe from crown. Concrete headwall visible at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	17.54	Rating **	M	Issue No.	1349 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71031_104082.jpg



LS view from toe: concrete headwall and inlet. Slope visible in background.

LM Start	18.09	Rating **	M	Issue No.	1350
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:71033
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.07). DWR As-Built Specification No. 61-01, Sheet No. 58, 7 March 1961, (HLM 18.07)].

FS Date: 6/22/2021

Photo 1 of 2 : UCIP_SP_2024_71033_104113.jpg



LS view: Slope from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	18.09	Rating **	M	Issue No.	1350 (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 2 of 2 : UCIP_SP_2024_71033_104114.jpg



LS view: Closeup of headwall and inlet buried under dense vegetation at toe.

LM Start	18.50	Rating **	A/W	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 : SP_2024_NA0010_123_114_20240212_00015.jpg



View of rodent burrow in the waterside shoulder. (Fall 2020)

LM Start	18.50	Rating **	A/W	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 : SP_2024_NA0010_123_118_20240212_00017.jpg



Large rodent hole in the landside shoulder. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	18.56	Rating **	A/W	Issue No.	183
LM End	18.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115653°	37.115653°
				-120.576199°	-120.576199°
DWR ID	DWR_NA0010_05_f_2022_183				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_183_20240212_00063.jpg



Large animal burrow on the landside slope. (Fall 2022)

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 : SP_2024_NA0010_123_126_20240212_00023.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

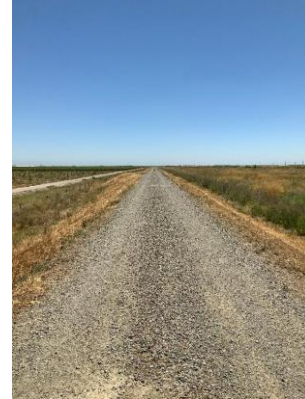
Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	18.70	Rating **	M	Issue No.	1351	
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:71034 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.68). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 18.68)]. FS Date: 6/22/2021						

LM Start	18.70	Rating **	M	Issue No.	1351 (cont)
LM End	18.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71034_104120.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2024_71034_104121.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	18.70	Rating **	M	Issue No.	1351 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71034_104118.jpg



LS view: Slope and headwall from toe.

LM Start	18.85	Rating **	M	Issue No.	184
LM End	19.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115461°	37.115289°
				-120.570924°	-120.563336°
DWR ID	DWR_NA0010_05_f_2022_184				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_184_20240212_00064.jpg



View of several rodent holes on the landside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.15	Rating **	U	Issue No.	1352
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				
Comment Code					
Inspector Comment					
DS_ID:19747 FS_ID:77864 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.11). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.11)]. FS Date: 6/22/2021 1:52:17 PM					

LM Start	19.15	Rating **	U	Issue No.	1352 (cont)
LM End	19.15	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_77864_104125.jpg



LS view: Slope and headwall at toe.

Photo 2 of 2 : UCIP_SP_2024_77864_104126.jpg



LS view: Closeup of inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.17	Rating **	U	Issue No.	1353
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:77869
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP)
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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.15). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.15)].
FS Date: 6/22/2021 1:54:16 PM

LM Start	19.17	Rating **	U	Issue No.	1353 (cont)
LM End	19.17	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_77869_104132.jpg



LS view: Headwall and slope from toe.

Photo 2 of 2 : UCIP_SP_2024_77869_104133.jpg



LS view: Closeup of inlet covered by tumbleweeds at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.48	Rating **	M	Issue No.	1354
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				
Comment Code					
Inspector Comment					
DS_ID:19777 FS_ID:77906 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.46). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.46)]. FS Date: 6/22/2021 10:14:59 AM					

Photo 1 of 2 : UCIP_SP_2024_77906_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 M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.48	Rating **	M	Issue No.	1354 (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				

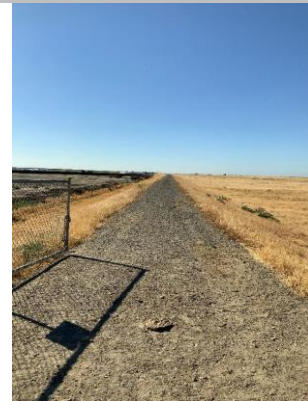
Photo 2 of 2 : UCIP_SP_2024_77906_104143.jpg



LS view: Closeup of inlet covered by vegetation at toe.

LM Start	19.52	Rating **	M	Issue No.	1355
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 1 of 3 : UCIP_SP_2024_71039_104146.jpg



Levee crown.

Comment Code					
Inspector Comment					
DS_ID:19778 FS_ID:71039 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.50). DWR As-Built Specification No. 64-01, Sheet No. 3, 6 November 1963, (HLM 19.50)]. FS Date: 6/23/2021					

* 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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.52	Rating **	M	Issue No.	1355 (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_SP_2024_71039_104147.jpg



LS view: Toe from crown.

LM Start	19.52	Rating **	M	Issue No.	1355 (cont)
LM End	19.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71039_104144.jpg



LS view: Headwall and slope at toe.

LM Start	19.55	Rating **	M	Issue No.	185
LM End	19.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.112675°	37.112675°
				-120.559535°	-120.559535°
DWR ID	DWR_NA0010_05_f_2022_185				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_185_20240212_00065.jpg



View of rodent burrows in the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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

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 : SP_2024_NA0010_123_128_20240212_00024.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 M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.86	Rating **	M	Issue No.	1356
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:77907 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.84). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 19.84)]. FS Date: 6/23/2021 10:18:21 AM					

LM Start	19.86	Rating **	M	Issue No.	1356 (cont)
LM End	19.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77907_104154.jpg



LS view: Closeup of pipe inlet at toe.

Photo 2 of 3 : UCIP_SP_2024_77907_104110.jpg



WS view: Closeup of deterioration of flapgate at toe.

* 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	

Lower San Joaquin Levee District

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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	1357 (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_SP_2024_71041_104157.jpg



LS view: Toe from crown.

LM Start	19.94	Rating **	M	Issue No.	1357 (cont)
LM End	19.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71041_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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	20.10	Rating **	M	Issue No.	1358	
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:71042 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.05). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.05)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2024_71042_104163.jpg



Levee crown.

LM Start	20.10	Rating **	M	Issue No.	1358 (cont)
LM End	20.10	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71042_104164.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	20.10	Rating **	M	Issue No.	1358 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71042_104161.jpg



LS view: Slope and headwall from toe.

LM Start	20.24	Rating **	M	Issue No.	1359
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:71043
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.18). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.18)].
 FS Date: 6/23/2021

Photo 1 of 2 : UCIP_SP_2024_71043_104168.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	20.24	Rating **	M	Issue No.	1359 (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 2 of 2 : UCIP_SP_2024_71043_104169.jpg



LS view: Closeup of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	20.65	Rating **	M	Issue No.	1360
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:77908 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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. 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 20.59). DWR As-Built Specification No. 64-01, Sheet No. 4, 6 November 1963, (HLM 20.59)]. FS Date: 6/23/2021					

Photo 1 of 1 : UCIP_SP_2024_77908_104180.jpg



LS view: Tumbleweeds in pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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 : SP_2024_NA0010_123_135_20240212_00029.jpg



View of rodent burrow in the landside slope. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.13	Rating **	M	Issue No.	1361
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:77909 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.08). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.08)]. FS Date: 6/23/2021 10:19:41 AM					

Photo 1 of 2 : UCIP_SP_2024_77909_104182.jpg



LS view: Debris inside pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.13	Rating **	M	Issue No.	1361 (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 2 of 2 : UCIP_SP_2024_77909_104187.jpg



WS view: Closeup of flapgate at toe.

LM Start	21.32	Rating **	M	Issue No.	187
LM End	21.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.093578°	37.093578°
				-120.539403°	-120.539403°
DWR ID	DWR_NA0010_05_f_2022_187				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_187_20240212_00066.jpg



View of a rodent burrow on the landside slope. (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	1362	
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:71046 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.42). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.42)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2024_71046_104190.jpg



LS view: Slope and headwall at toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.48	Rating **	U	Issue No.	1362 (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 2 of 3 : UCIP_SP_2024_71046_104188.jpg



WS view: Closeup of potential gap in flapgate at toe.

LM Start	21.48	Rating **	U	Issue No.	1362 (cont)
LM End	21.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71046_104189.jpg



WS view: Closeup of flapgate with sand buildup at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.91	Rating **	M	Issue No.	1363
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:77910
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP)
 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. 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.81). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.81)].
 FS Date: 6/23/2021 10:27:38 AM

Photo 1 of 2 : UCIP_SP_2024_77910_104197.jpg



LS view: Closeup of pipe inlet and water at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.91	Rating **	M	Issue No.	1363 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_77910_104202.jpg



WS view: Closeup of flapgate and water at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	21.95	Rating **	M	Issue No.	1364
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:77911 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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. 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 21.85). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 21.85)]. FS Date: 6/23/2021 10:28:44 AM					

Photo 1 of 1 : UCIP_SP_2024_77911_104204.jpg



LS view: Closeup of pipe inlet and vegetation at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.28	Rating **	M	Issue No.	1365
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:77912 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.19). DWR As-Built Specification No. 64-01, Sheet No. 5, 6 November 1963, (HLM 22.19)]. FS Date: 6/23/2021 10:29:25 AM					

Photo 1 of 2 : UCIP_SP_2024_77912_104210.jpg



LS view: Closeup of inlet covered by vegetation at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.28	Rating **	M	Issue No.	1365 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_77912_104215.jpg



WS view: Closeup of flapgate at toe.

LM Start	22.28	Rating **	M	Issue No.	121
LM End	22.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.083388°	37.082696°
				-120.528382°	-120.527620°
DWR ID	DWR_NA0010_05_f_2017_121				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope damaged by animal traffic.					

Photo 1 of 1 : SP_2024_NA0010_123_121_20240212_00019.jpg



Looking southeast at the waterside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.55	Rating **	M	Issue No.	1366
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:77913 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.46). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.46)]. FS Date: 6/23/2021 10:30:24 AM					

Photo 1 of 3 : UCIP_SP_2024_77913_104218.jpg



LS view: Inside pipe inlet at toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.55	Rating **	M	Issue No.	1366 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77913_104222.jpg



WS view: Slope, headwall, and flapgate from toe.

LM Start	22.55	Rating **	M	Issue No.	1366 (cont)
LM End	22.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77913_104223.jpg



WS view: Closeup of hole in flapgate at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.89	Rating **	M	Issue No.	1367
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:77914
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP)
 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.79). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.79)].
 FS Date: 6/23/2021 10:31:02 AM

Photo 1 of 3 : UCIP_SP_2024_77914_104228.jpg



LS view: Inside pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	22.89	Rating **	M	Issue No.	1367 (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_SP_2024_77914_104224.jpg



WS view: Closeup of flapgate at toe.

LM Start	22.89	Rating **	M	Issue No.	1367 (cont)
LM End	22.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77914_104225.jpg



WS view: Deterioration and holes underneath 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	23.03	Rating **	M	Issue No.	1368	
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:77915 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 22.94). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 22.94)]. FS Date: 6/23/2021 10:31:37 AM						

Photo 1 of 3 : UCIP_SP_2024_77915_104234.jpg



LS view: Closeup of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	23.03	Rating **	M	Issue No.	1368 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77915_104239.jpg



WS view: Closeup of flapgate at toe.

LM Start	23.03	Rating **	M	Issue No.	1368 (cont)
LM End	23.03	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77915_104232.jpg



WS view: Some deterioration of flapgate at toe.

LM Start	23.24	Rating **	M	Issue No.	160
LM End	23.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.073064°	37.068260°
				-120.516771°	-120.511583°
DWR ID	DWR_NA0010_05_f_2018_160				
Comment Code					
E4 : 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 : SP_2024_NA0010_123_160_20240212_00047.jpg



Slope damage cause by livestock foot traffic. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	23.25	Rating **	M	Issue No.	1370	
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:71054 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.15). DWR As-Built Specification No. 64-01, Sheet No. 6, 6 November 1963, (HLM 23.15)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2024_71054_104342.jpg



Levee crown.

LM Start	23.25	Rating **	M	Issue No.	1370 (cont)
LM End	23.25	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71054_104343.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	23.25	Rating **	M	Issue No.	1370 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71054_104345.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	23.72	Rating **	M	Issue No.	1372	
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:77916 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.62). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 23.62)]. FS Date: 6/23/2021 10:37:56 AM						

LM Start	23.72	Rating **	M	Issue No.	1372 (cont)
LM End	23.72	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_77916_104378.jpg



LS view: Closeup of pipe inlet at toe.

Photo 2 of 2 : UCIP_SP_2024_77916_104383.jpg



WS view: Closeup of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.02	Rating **	M	Issue No.	1373	
LM End	24.02	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:77917 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 23.85). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 23.85)]. FS Date: 6/23/2021 10:38:30 AM						

Photo 1 of 3 : UCIP_SP_2024_77917_104384.jpg



LS view: Slope and headwall from toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.02	Rating **	M	Issue No.	1373 (cont)
LM End	24.02	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_SP_2024_77917_104385.jpg



LS view: Closeup of inside inlet at toe.

LM Start	24.02	Rating **	M	Issue No.	1373 (cont)
LM End	24.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77917_104390.jpg



WS view: Closeup of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.28	Rating **	M	Issue No.	1374
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				
Comment Code					
Inspector Comment					
DS_ID:19798 FS_ID:71059 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.18). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.18)]. FS Date: 6/23/2021					

LM Start	24.28	Rating **	M	Issue No.	1374 (cont)
LM End	24.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71059_104393.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2024_71059_104395.jpg



LS view: Toe from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.28	Rating **	M	Issue No.	1374 (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_SP_2024_71059_104391.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.56	Rating **	M	Issue No.	1375	
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:77918 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.46). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.46)]. FS Date: 6/23/2021 10:39:09 AM						

Photo 1 of 3 : UCIP_SP_2024_77918_104406.jpg



WS view: Closeup of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.56	Rating **	M	Issue No.	1375 (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 2 of 3 : UCIP_SP_2024_77918_104398.jpg



WS view: Closeup of hole under flapgate at toe, 1 of 2 photos.

LM Start	24.56	Rating **	M	Issue No.	1375 (cont)
LM End	24.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77918_104399.jpg



WS view: Closeup of hole under flapgate at toe, 2 of 2 photos.

LM Start	24.79	Rating **	M	Issue No.	188
LM End	24.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.056122°	37.056122°
				-120.498432°	-120.498432°
DWR ID	DWR_NA0010_05_f_2022_188				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_188_20240212_00067.jpg



Several rodent burrows observed on the waterside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.84	Rating **	M	Issue No.	190
LM End	24.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.055582°	37.055582°
				-120.497759°	-120.497759°
DWR ID	DWR_NA0010_05_f_2022_190				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_190_20240212_00069.jpg



View of multiple rodent holes on the waterside slope. (Fall 2022)

LM Start	24.93	Rating **	M	Issue No.	1376
LM End	24.93	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:71061 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.82). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.82)]. FS Date: 6/23/2021					

Photo 1 of 3 : UCIP_SP_2024_71061_104409.jpg



Levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.93	Rating **	M	Issue No.	1376 (cont)
LM End	24.93	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 2 of 3 : UCIP_SP_2024_71061_104411.jpg



LS view: Toe from crown.

LM Start	24.93	Rating **	M	Issue No.	1376 (cont)
LM End	24.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71061_104407.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.96	Rating **	M	Issue No.	1377	
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					
Comment Code						
Inspector Comment						
DS_ID:19801 FS_ID:71062 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 24.87). DWR As-Built Specification No. 64-01, Sheet No. 7, 6 November 1963, (HLM 24.87)]. FS Date: 6/23/2021						

Photo 1 of 3 : UCIP_SP_2024_71062_104416.jpg



Levee crown.

LM Start	24.96	Rating **	M	Issue No.	1377 (cont)
LM End	24.96	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71062_104417.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	24.96	Rating **	M	Issue No.	1377 (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 3 of 3 : UCIP_SP_2024_71062_104418.jpg



LS view: Inside pipe inlet at toe.

LM Start	25.01	Rating **	C	Issue No.	166
LM End	25.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.053876°	37.053538°
				-120.495648°	-120.495228°
DWR ID	DWR_NA0010_05_f_2021_166				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Repairs have been made to the levee slope. Monitor for settlement.					

No Photos

LM Start	25.09	Rating **	A/W	Issue No.	123
LM End	25.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.053103°	37.053103°
				-120.494651°	-120.494651°
DWR ID	DWR_NA0010_05_f_2017_123				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_123_20240212_00020.jpg



View of the landside slope looking upstream. (Fall 2020)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.24	Rating **	M	Issue No.	1378
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:71064 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (recorded incorrectly as HLM 25.43, should be 25.13). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.13)]. FS Date: 6/23/2021					

LM Start	25.24	Rating **	M	Issue No.	1378 (cont)
LM End	25.24	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71064_104424.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2024_71064_104426.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.24	Rating **	M	Issue No.	1378 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71064_104422.jpg



LS view: Slope and headwall from toe.

LM Start	25.28	Rating **	C	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.					

No Photos

LM Start	25.46	Rating **	A/W	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 : SP_2024_NA0010_123_167_20240212_00052.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.46	Rating **	A/W	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 : SP_2024_NA0010_123_168_20240212_00053.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 : SP_2024_NA0010_123_148_20240212_00037.jpg



View of burrows in the landside. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.61	Rating **	M	Issue No.	1379
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:77919 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 25.51). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.51)]. FS Date: 6/23/2021 10:39:43 AM					

Photo 1 of 3 : UCIP_SP_2024_77919_104429.jpg



LS view: Slope and headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.61	Rating **	M	Issue No.	1379 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77919_104430.jpg



LS view: Inside pipe inlet at toe.

LM Start	25.61	Rating **	M	Issue No.	1379 (cont)
LM End	25.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77919_104435.jpg



WS view: Closeup of flapgate at 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 : SP_2024_NA0010_123_124_20240212_00021.jpg



Looking east at the waterside slope. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.63	Rating **	M	Issue No.	1380	
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:77920 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 25.53). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 25.53)]. FS Date: 6/23/2021 10:40:17 AM						

Photo 1 of 2 : UCIP_SP_2024_77920_104440.jpg



LS view: Slope and headwall from toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	25.63	Rating **	M	Issue No.	1380 (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 2 of 2 : UCIP_SP_2024_77920_104439.jpg



WS view: Slope, headwall, and flapgate from toe.

LM Start	25.81	Rating **	A/W	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 **	C	Issue No.	161
LM End	26.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.040434°	37.040043°
				-120.483086°	-120.482795°
DWR ID	DWR_NA0010_05_f_2018_161				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Waterside slope has been repaired. Monitor for settlement.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.20	Rating **	M	Issue No.	1381	
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					
Comment Code						
Inspector Comment						
DS_ID:19806 FS_ID:77921 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.11). DWR As-Built Specification No. 64-01, Sheet No. 8, 6 November 1963, (HLM 26.11)]. FS Date: 6/23/2021 10:41:07 AM						

Photo 1 of 3 : UCIP_SP_2024_77921_104448.jpg



LS view: Slope and headwall from toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.20	Rating **	M	Issue No.	1381 (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 2 of 3 : UCIP_SP_2024_77921_104449.jpg



LS view: Inside pipe inlet at toe.

LM Start	26.20	Rating **	M	Issue No.	1381 (cont)
LM End	26.20	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77921_104454.jpg



WS view: Closeup of flapgate at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.39	Rating **	M	Issue No.	1382	
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:77930 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.29). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.29)]. FS Date: 6/23/2021 11:27:27 AM						

LM Start	26.39	Rating **	M	Issue No.	1382 (cont)
LM End	26.39	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77930_104459.jpg



LS view: Slope and headwall from toe.

Photo 2 of 3 : UCIP_SP_2024_77930_104460.jpg



LS view: Inside of inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown		** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable		N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain		+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.39	Rating **	M	Issue No.	1382 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_77930_104458.jpg



WS view: Slope, headwall, and flapgate from toe.

LM Start	26.59	Rating **	A/W	Issue No.	169
LM End	26.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.035301°	37.034140°
				-120.479144°	-120.478076°
DWR ID	DWR_NA0010_05_f_2021_169				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage to the slope has been repaired. Monitor for potential settlement.					

Photo 1 of 1 : SP_2024_NA0010_123_169_20240212_00054.jpg



View of repaired waterside slope. (Fall 2023)

LM Start	26.85	Rating **	M	Issue No.	191
LM End	26.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032891°	37.032685°
				-120.475608°	-120.474378°
DWR ID	DWR_NA0010_05_f_2022_191				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_191_20240212_00070.jpg



View of rodent burrows in the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.95	Rating **	M	Issue No.	1383	
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					
Comment Code						
Inspector Comment						
DS_ID:19808 FS_ID:77922 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.85). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.85)]. FS Date: 6/23/2021 10:41:40 AM						

LM Start	26.95	Rating **	M	Issue No.	1383 (cont)
LM End	26.95	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77922_104463.jpg



LS view: Slope and headwall from toe.

Photo 2 of 3 : UCIP_SP_2024_77922_104464.jpg



LS view: Inside of pipe inlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.95	Rating **	M	Issue No.	1383 (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 3 of 3 : UCIP_SP_2024_77922_104466.jpg



WS view: Closeup of flapgate at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.97	Rating **	M	Issue No.	1384
LM End	26.97	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:77902 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 mat create blockage and should be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 26.87). DWR As-Built Specification No. 64-01, Sheet No. 9, 6 November 1963, (HLM 26.87)]. FS Date: 6/23/2021 9:44:25 AM					

Photo 1 of 2 : UCIP_SP_2024_77902_104361.jpg



LS view from toe: concrete headwall at inlet

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	26.97	Rating **	M	Issue No.	1384 (cont)
LM End	26.97	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 2 : UCIP_SP_2024_77902_104362.jpg



LS view from toe: close up of inlet. PVC pipe at entrance.

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 : SP_2024_NA0010_123_162_20240212_00049.jpg



Several rodent burrows noted in this section of the levee. (Fall 2020)

LM Start	27.01	Rating **	A/W	Issue No.	125
LM End	27.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.032675°	37.032675°
				-120.472841°	-120.472841°
DWR ID	DWR_NA0010_05_s_2021_125				
Comment Code					
T2 : Tree or limb.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_125_20240212_00022.jpg



Prunings left on the landside toe. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	27.31	Rating **	M	Issue No.	1385	
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:77903 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 27.22). DWR As-Built Specification No. 64-01, Sheet No. 10, 6 November 1963, (HLM 27.22)]. FS Date: 6/23/2021 9:46:35 AM						

LM Start	27.31	Rating **	M	Issue No.	1385 (cont)
LM End	27.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77903_104356.jpg



LS view from toe: concrete headwall at inlet.

Photo 2 of 3 : UCIP_SP_2024_77903_104357.jpg



LS view from toe: inside of inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	27.31	Rating **	M	Issue No.	1385 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_77903_104355.jpg



WS view from toe: flapgate on concrete headwall at outlet.

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					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	28.27	Rating **	M	Issue No.	1386
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:71073 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 28.17). DWR As-Built Specification No. 64-01, Sheet No. 10, 6 November 1963, (HLM 28.17)]. FS Date: 6/23/2021					

LM Start	28.27	Rating **	M	Issue No.	1386 (cont)
LM End	28.27	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71073_104350.jpg



LS view from toe: concrete headwall at inlet.

Photo 2 of 2 : UCIP_SP_2024_71073_104351.jpg



LS view from toe: inside of inlet pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	28.79	Rating **	M	Issue No.	1387	
LM End	28.79	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:77904 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP-lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 28.69). DWR As-Built Specification No. 64-01, Sheet No. 11, 6 November 1963, (HLM 28.69)]. FS Date: 6/23/2021 9:47:13 AM						

LM Start	28.79	Rating **	M	Issue No.	1387 (cont)
LM End	28.79	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_77904_104322.jpg



LS view: inside of pipe.

Photo 2 of 3 : UCIP_SP_2024_77904_104323.jpg



LS view from toe: closeup of entrance to pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	28.79	Rating **	M	Issue No.	1387 (cont)
LM End	28.79	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 3 of 3 : UCIP_SP_2024_77904_104325.jpg



WS view from toe: closeup of flapgate.

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	Erosion / Livestock			37.023481°	37.021794°
				-120.435960°	-120.434769°
DWR ID	DWR_NA0010_05_f_2018_164				
Comment Code					
E4 : 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 : SP_2024_NA0010_123_164_20240326_00296.jpg



Looking upstream along the waterside slope.

LM Start	29.58	Rating **	U	Issue No.	171
LM End	29.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.021534°	37.018712°
				-120.434592°	-120.432682°
DWR ID	DWR_NA0010_05_s_2014_171				
Comment Code					
E4 : 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 : SP_2024_NA0010_123_171_20240212_00056.jpg



Looking south at livestock erosion on the waterside 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	29.58	Rating **	A	Issue No.	1388
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:71076 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 29.49). DWR As-Built Specification No. 64-01, Sheet No. 12, 6 November 1963, (HLM 29.49)]. FS Date: 6/23/2021					

Photo 1 of 3 : UCIP_SP_2024_71076_104311.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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	29.58	Rating **	A	Issue No.	1388 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71076_104312.jpg



LS view from toe: inside of inlet pipe.

LM Start	29.58	Rating **	A	Issue No.	1388 (cont)
LM End	29.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71076_104310.jpg



WS view from toe: flapgate on concrete headwall at outlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	29.82	Rating **	U	Issue No.	1389
LM End	29.82	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:77865 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (RCBC) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 29.72). DWR As-Built Specification No. 64-42, Sheet No. 6, 13 August 1964, (HLM 29.72)]. FS Date: 6/23/2021 1:52:38 PM					

Photo 1 of 3 : UCIP_SP_2024_77865_104303.jpg



View from levee crown.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	29.82	Rating **	U	Issue No.	1389 (cont)
LM End	29.82	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_SP_2024_77865_104305.jpg



LS view from toe: concrete headwall at inlet.

LM Start	29.82	Rating **	U	Issue No.	1389 (cont)
LM End	29.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77865_104306.jpg



LS view from toe: inside of inlet.

LM Start	29.89	Rating **	A/W	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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	30.14	Rating **	M	Issue No.	1390	
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:71078 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 30.04). DWR As-Built Specification No. 64-42, Sheet No. 6, 13 August 1964, (HLM 30.04)]. FS Date: 6/24/2021						

Photo 1 of 2 : UCIP_SP_2024_71078_104301.jpg



LS view from toe: concrete headwall at inlet.

LM Start	30.14	Rating **	M	Issue No.	1390 (cont)
LM End	30.14	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2024_71078_104302.jpg



LS view from toe: closeup of inlet.

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

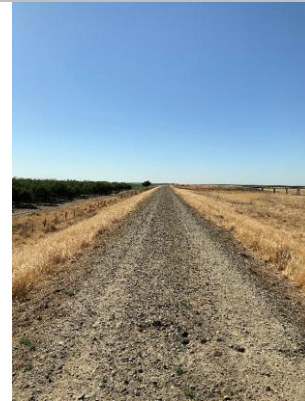
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	31.06	Rating **	M	Issue No.	1391	
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:71079						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 30.96). DWR As-Built Specification No. 64-42, Sheet No. 7, 13 August 1964, (HLM 30.96)].						
FS Date: 6/24/2021 3:36:00 PM						

Photo 1 of 3 : UCIP_SP_2024_71079_104289.jpg



Levee crown.

LM Start	31.06	Rating **	M	Issue No.	1391 (cont)
LM End	31.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71079_104291.jpg



LS view from crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	31.06	Rating **	M	Issue No.	1391 (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_SP_2024_71079_104294.jpg



LS view from toe: concrete headwall at inlet.

LM Start	31.17	Rating **	M	Issue No.	193
LM End	31.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.003104°	37.003104°
				-120.417833°	-120.417833°
DWR ID	DWR_NA0010_05_f_2022_193				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_123_193_20240212_00071.jpg



View of animal burrow in the waterside slope. (Fall 2022)

LM Start	31.17	Rating **	M	Issue No.	194
LM End	31.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.003104°	37.003104°
				-120.417833°	-120.417833°
DWR ID	DWR_NA0010_05_f_2022_194				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	31.30	Rating **	M	Issue No.	1392	
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:71080 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.19). DWR As-Built Specification No. 64-42, Sheet No. 7, 13 August 1964, (HLM 31.19)]. FS Date: 6/24/2021 2:32:00 PM						

LM Start	31.30	Rating **	M	Issue No.	1392 (cont)
LM End	31.30	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71080_104285.jpg



LS view from toe: concrete headwall at inlet.

Photo 2 of 2 : UCIP_SP_2024_71080_104287.jpg



WS view from toe: flapgate on concrete headwall at outlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	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 : SP_2024_NA0010_123_230_20240212_00074.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 : SP_2024_NA0010_123_129_20240212_00025.jpg



Several large rodent holes noted at this location. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	31.74	Rating **	M	Issue No.	1393	
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:71081 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.64). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 31.64)]. FS Date: 6/24/2021 2:15:00 PM						

Photo 1 of 2 : UCIP_SP_2024_71081_104280.jpg



LS view from toe: concrete headwall at inlet.

LM Start	31.74	Rating **	M	Issue No.	1393 (cont)
LM End	31.74	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2024_71081_104281.jpg



LS view from toe: closeup of inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	31.80	Rating **	M	Issue No.	1394	
LM End	31.80	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:71082 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (RCBC) through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 31.71). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 31.71)]. FS Date: 6/23/2021 2:03:00 PM						

LM Start	31.80	Rating **	M	Issue No.	1394 (cont)
LM End	31.80	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71082_104271.jpg



LS view from toe: concrete headwall and inlet.

Photo 2 of 2 : UCIP_SP_2024_71082_104273.jpg



WS view from toe: flapgate on concrete headwall at outlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	32.32	Rating **	M	Issue No.	1395	
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:71083 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 32.22). DWR As-Built Specification No. 64-42, Sheet No. 8, 13 August 1964, (HLM 32.22)]. FS Date: 6/23/2021 1:18:00 PM						

LM Start	32.32	Rating **	M	Issue No.	1395 (cont)
LM End	32.32	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71083_104264.jpg



LS view from toe: concrete headwall at inlet.

Photo 2 of 2 : UCIP_SP_2024_71083_104265.jpg



LS view from toe: closeup of inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	33.11	Rating **	M	Issue No.	1396	
LM End	33.11	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					
Comment Code						
Inspector Comment						
DS_ID:19702 FS_ID:71084 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 06/23/2021 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)						
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 blocking landward headwall--recommend contacting owner to clear debris. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert (RCBC) 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 33.02). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 33.01). DWR As-Built Specification No. 64-42, Sheet No. 9, 13 August 1964, (HLM 33.01)]. FS Date: 6/23/2021 12:49:00 PM						

LM Start	33.11	Rating **	M	Issue No.	1396 (cont)
LM End	33.11	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71084_104257.jpg



LS view from toe: concrete headwall at inlet.

Photo 2 of 2 : UCIP_SP_2024_71084_104259.jpg



WS view from toe: flapgate on concrete headwall at outlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

LM Start	33.81	Rating **	M	Issue No.	1397	
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:71085						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, Maintenance Compliance Issue						
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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 33.72). DWR As-Built Specification No. 64-42, Sheet No. 9, 13 August 1964, (HLM 33.72)].						
FS Date: 6/24/2021 12:30:00 PM						

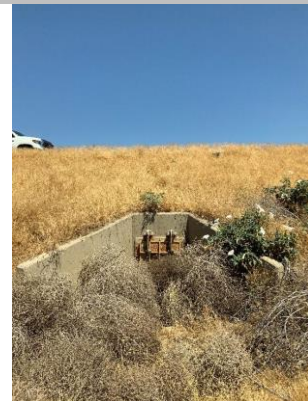
LM Start	33.81	Rating **	M	Issue No.	1397 (cont)
LM End	33.81	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71085_104252.jpg



LS view from toe: concrete headwall and inlet.

Photo 2 of 2 : UCIP_SP_2024_71085_104250.jpg



WS view from toe: flapgate on concrete headwall.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	03/13/2024 03/14/2024	Corey Fujitani

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 : SP_2024_NA0010_123_130_20240212_00026.jpg



Looking east at the landside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.	61
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275925°	37.275835°
				-120.825671°	-120.824517°
DWR ID	DWR_NA0010_06_s_2020_61				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	U	Issue No.	2
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.275701°	37.275701°
				-120.823773°	-120.823773°
DWR ID	NA0010U06RM0.41				
Comment Code					
Inspector Comment					
Site ID: NA0010U06RM0.41					
8/17/2023: From 2022 to present, no significant changes were observed during the annual survey.					
08/09/2022: The site was discovered by the LMA and visited during the annual field survey. There is a 20-ft vertical scarp running along the bank and encroaching into the extended levee prism. The berm is 10-12 ft wide.					

Photo 1 of 2 : SP_2024_NA0010_124_2_20240212_00003.jpg



8/17/2023: View of the erosion looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	0.10	Rating **	U	Issue No.	2 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.275701°	37.275701°
				-120.823773°	-120.823773°
DWR ID	NA0010U06RM0.41				

Photo 2 of 2 : SP_2024_NA0010_124_2_20240212_00004.jpg



9/13/2022: Aerial view of the erosion site (Google Earth Imagery from 9/27/2020).

LM Start	0.14	Rating **	M	Issue No.	147
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275637°	37.275637°
				-120.823438°	-120.823438°
DWR ID	DWR_NA0010_06_s_2022_147				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_147_20240212_00065.jpg



View of rodent burrows on the landside slope. (Spring 2022)

LM Start	0.14	Rating **	A/W	Issue No.	106
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.275640°	37.275541°
				-120.823419°	-120.822833°
DWR ID	DWR_NA0010_06_f_ 2022_106				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion is approximately 10 feet from toe. It is within the theoretical prism. Erosion is approximately 20 feet in height and 250 feet in length.					

Photo 1 of 1 : SP_2024_NA0010_124_106_20240212_00033.jpg



Erosion on the waterside toe has cut into the theoretical prism. (Fall 2022)

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	0.36	Rating **	M	Issue No.	165
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.274274 °	37.274274 °
				-120.819803 °	-120.819803 °
DWR ID	DWR_NA0010_06_f_2022_165				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.43	Rating **	M	Issue No.	148
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273651°	37.273651°
				-120.818813°	-120.818813°
DWR ID	DWR_NA0010_06_s_2022_148				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_148_20240212_00066.jpg



View of active rodent burrows on waterside slope. (Spring 2022)

LM Start	0.46	Rating **	M	Issue No.	94
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273362°	37.273362°
				-120.818471°	-120.818471°
DWR ID	DWR_NA0010_06_f_2018_94				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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

LM Start	0.78	Rating **	M	Issue No.	1210	
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:71092						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.86). DWR As-Built Specification No. 61-01, Sheet No. 45, 7 March 1961, (HLM 0.86)].						
FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2024_71092_102876.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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	0.78	Rating **	M	Issue No.	1210 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71092_102877.jpg



LS view: Toe from crown.

LM Start	0.78	Rating **	M	Issue No.	1210 (cont)
LM End	0.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71092_102879.jpg



LS view: Top view of pipe inlet at toe.

LM Start	1.18	Rating **	A/W	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					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows including large burrows were observed at this location.					

Photo 1 of 1 : SP_2024_NA0010_124_93_20240212_00028.jpg



View of landside slope. (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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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			37.266610°	37.266388°
				-120.809110°	-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

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 : SP_2024_NA0010_124_127_20240212_00047.jpg



View of rodent burrows in the landside slope. (Fall 2021)

LM Start	1.60	Rating **	M	Issue No.	58
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261952°	37.261952°
				-120.805894°	-120.805894°
DWR ID	DWR_NA0010_06_s_2024_58				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_58_20240326_00151.jpg



View of multiple rodent burrows on the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	1.84	Rating **	M	Issue No.	125
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259527°	37.259331°
				-120.803300°	-120.802919°
DWR ID	DWR_NA0010_06_s_2012_125				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.87	Rating **	M	Issue No.	1211
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:81166 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 09/25/2023 DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.95). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 1.95)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_81166_102904.jpg



LS view: Inlet hidden by dense vegetation at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.13	Rating **	M	Issue No.	164
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257318°	37.257318°
				-120.798788°	-120.798788°
DWR ID	DWR_NA0010_06_f_2022_164				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.23	Rating **	M	Issue No.	146
LM End	2.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256445°	37.256445°
				-120.797508°	-120.797508°
DWR ID	DWR_NA0010_06_s_2022_146				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
A few rodent burrows observed in this section with large quantities of material displaced.					

Photo 1 of 1 : SP_2024_NA0010_124_146_20240212_00064.jpg



View of rodent holes on the landside slope. (Spring 2022)

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.42	Rating **	A/W	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 : SP_2024_NA0010_124_92_20240212_00027.jpg



View of large rodent holes in landside slope. (Fall 2018)

LM Start	2.53	Rating **	M	Issue No.	1212
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:71094 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, 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 (CMP) through the levee, 6.9 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 2.61). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.61). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 2.61)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_71094_102912.jpg



WS view: Inside pipe outlet at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.54	Rating **	A/W	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 : SP_2024_NA0010_124_76_20240212_00017.jpg



View of rodent holes on the landside slope looking upstream. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	1213
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:71095 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.65). DWR As-Built Specification No. 61-01, Sheet No. 46, 7 March 1961, (HLM 2.65)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_71095_102921.jpg



LS view: Closeup of pipe inlet at toe with dense vegetation.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.61	Rating **	U	Issue No.	1
LM End	2.68	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.252596°	37.252596°
				-120.792504°	-120.792504°
DWR ID	NA0010U06RM3.01				
Comment Code					
Inspector Comment					
Site ID: NA0010U06RM3.01					
8/17/2023: From 2022 to present, no significant changes were observed during the annual survey.					
08/09/2022: The site was discovered by the LMA and visited during the annual field survey. There is a 15-20 ft scarp, vertical in some locations, running along the bank. The berm is 15 ft wide at the narrowst section.					

Photo 1 of 2 : SP_2024_NA0010_124_1_20240212_00001.jpg



8/17/2023: View of the erosion looking upstream.

LM Start	2.61	Rating **	U	Issue No.	1 (cont)
LM End	2.68	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2024_NA0010_124_1_20240212_00002.jpg



9/13/2022: Aerial view of the erosion site (Google Earth Imagery from 9/27/2020).

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	1214
LM End	2.77	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:77923 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.85). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 2.85)]. FS Date: 7/27/2021 10:45:23 AM					

Photo 1 of 2 : UCIP_SP_2024_77923_102930.jpg



LS view: Closeup of pipe inlet at toe covered with vegetation.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	1214 (cont)
LM End	2.77	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 2 of 2 : UCIP_SP_2024_77923_102927.jpg



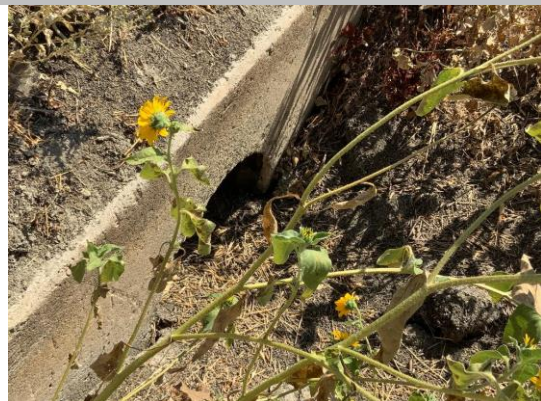
WS view: Some erosion underneath concrete pad.

LM Start	3.01	Rating **	M	Issue No.	1215
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				

Comment Code**Inspector Comment**

DS_ID:19821
FS_ID:71097
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, Maintenance Compliance Issue
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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.09). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.09)].
FS Date: 7/27/2021

Photo 1 of 2 : UCIP_SP_2024_71097_102947.jpg



LS view: Closeup of pipe inlet at toe with dense sediment and debris inside.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.01	Rating **	M	Issue No.	1215 (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 2 : UCIP_SP_2024_71097_102943.jpg



WS view: Closeup of flapgate at toe with sediment buildup keeping it open, 2 of 2 photos.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.21	Rating **	A	Issue No.	1216	
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:71098 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.29). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.29)]. FS Date: 7/27/2021						

Photo 1 of 2 : UCIP_SP_2024_71098_102955.jpg



LS view: Closeup of pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.21	Rating **	A	Issue No.	1216 (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 2 of 2 : UCIP_SP_2024_71098_102951.jpg



WS view: Closeup of flapgate at toe.

LM Start	3.38	Rating **	M	Issue No.	1217
LM End	3.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252152°	37.252152°
				-120.779969°	-120.779969°
DWR ID	19823				

Comment Code**Inspector Comment**

DS_ID:19823
FS_ID:71099
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.43). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.43)].
FS Date: 7/27/2021

Photo 1 of 3 : UCIP_SP_2024_71099_102957.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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.38	Rating **	M	Issue No.	1217 (cont)
LM End	3.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252152°	37.252152°
				-120.779969°	-120.779969°
DWR ID	19823				

Photo 2 of 3 : UCIP_SP_2024_71099_102958.jpg



LS view: Toe from crown.

LM Start	3.38	Rating **	M	Issue No.	1217 (cont)
LM End	3.38	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71099_102959.jpg



LS view: Slope from the crown, no pipe visible.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	1219	
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:71101 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 6.8 feet below the crown. Slide gate in a 48-inch CMP riser unit 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. (30-inch drainage pipe and pump authorized under Permit No. 12527, 1979 - Joseph Gallo). [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.54). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.54). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.54)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2024_71101_102973.jpg



LS view: Headwall and slope from toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.47	Rating **	M	Issue No.	1219 (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_SP_2024_71101_102977.jpg



WS view: Closeup of the riser on the slope with missing cover.

LM Start	3.47	Rating **	M	Issue No.	1219 (cont)
LM End	3.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71101_102971.jpg



WS view: Inside of pipe outlet at 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 : SP_2024_NA0010_124_67_20240212_00011.jpg



View of active rodent and burrow on the landside slope. (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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.62	Rating **	A/W	Issue No.	96
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.251226°	37.251140°
				-120.775774°	-120.774900°
DWR ID	DWR_NA0010_06_f_2022_96				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is approximately 30 ft from levee toe, 18 ft in height, and 150 ft in length.					

Photo 1 of 1 : SP_2024_NA0010_124_96_20240212_00029.jpg



View of erosion on the waterside berm. (Fall 2022)

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	Erosion / Livestock			37.251161°	37.251161°
				-120.774659°	-120.774659°
DWR ID	DWR_NA0010_06_f_2021_122				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_122_20240326_00152.jpg



View of slope damage due to animal traffic. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.69	Rating **	M	Issue No.	1220
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:71102 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 7.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.77). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.77)]. FS Date: 7/27/2021					

Photo 1 of 2 : UCIP_SP_2024_71102_102984.jpg



LS view: Closeup of pipe inlet at toe with vegetation cover.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.69	Rating **	M	Issue No.	1220 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_71102_102980.jpg



WS view: Closeup of liner deterioration on flapgate at toe.

LM Start	3.89	Rating **	M	Issue No.	1221
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:71103
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, 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 (CMP) through the levee, 6.7 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.97). DWR As-Built Specification No. 61-01, Sheet No. 47, 7 March 1961, (HLM 3.97)].
 FS Date: 7/27/2021

Photo 1 of 2 : UCIP_SP_2024_71103_102997.jpg



LS view: Inside pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	3.89	Rating **	M	Issue No.	1221 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_71103_102993.jpg



WS view: Inside pipe outlet at toe.

LM Start	4.09	Rating **	M	Issue No.	1222
LM End	4.09	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:71104
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.17). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.17)].
 FS Date: 7/27/2021

Photo 1 of 1 : UCIP_SP_2024_71104_103008.jpg



LS view: Closeup of pipe inlet at toe covered by tumbleweeds.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	4.33	Rating **	M	Issue No.	1223
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:71105 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.41). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.41)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_71105_103022.jpg



LS view: Closeup of pipe inlet at toe covered by vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	4.62	Rating **	M	Issue No.	1224
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				
Comment Code					
Inspector Comment					
DS_ID:19830 FS_ID:71106 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 6.9 feet below the crown. Slide gate in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.70). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.70)]. FS Date: 7/27/2021					

LM Start	4.62	Rating **	M	Issue No.	1224 (cont)
LM End	4.62	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71106_103032.jpg



LS view: Pile of dirt completely covering pipe inlet at toe.

Photo 2 of 2 : UCIP_SP_2024_71106_103027.jpg



WS view: Closeup of riser without lid on slope.

* Location	** Rating	+ Issue Type
LS: Land Side 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	4.67	Rating **	M	Issue No.	1225	
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:77931 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.75). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.75)]. FS Date: 7/27/2021 11:29:56 AM						

Photo 1 of 1 : UCIP_SP_2024_77931_103040.jpg



LS view: Closeup of pipe inlet at toe with minor vegetation growth.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	4.86	Rating **	M	Issue No.	1226
LM End	4.86	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:71108 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 4.94). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 4.94)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_71108_103049.jpg



LS view: Closeup of pipe inlet at toe covered by vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.07	Rating **	C	Issue No.	162							
LM End	5.07	Issue Type +	Ma	Location *	WS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Erosion / Livestock		37.240065°	37.240065°								
			-120.754922°	-120.754922°								
DWR ID	DWR_NA0010_06_f_2022_162											
Comment Code												
E4 : Repair the levee slope damaged by livestock and prevent large animal access.												
Inspector Comment												

No Photos

LM Start	5.07	Rating **	C	Issue No.	163							
LM End	5.07	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Erosion / Livestock		37.240065°	37.240065°								
			-120.754922°	-120.754922°								
DWR ID	DWR_NA0010_06_f_2022_163											
Comment Code												
E4 : Repair the levee slope damaged by livestock and prevent large animal access.												
Inspector Comment												

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.26	Rating **	A	Issue No.	1227	
LM End	5.26	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:71109 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.34). DWR As-Built Specification No. 61-01, Sheet No. 48, 7 March 1961, (HLM 5.34)]. FS Date: 7/27/2021						

LM Start	5.26	Rating **	A	Issue No.	1227 (cont)
LM End	5.26	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71109_103070.jpg



LS view: Closeup of pipe inlet at toe.

Photo 2 of 2 : UCIP_SP_2024_71109_103066.jpg



WS view: Closeup of flapgate at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.42	Rating **	A/W	Issue No.	160
LM End	5.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238729°	37.238729°
				-120.748884°	-120.748884°
DWR ID	DWR_NA0010_06_f_2022_160				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	5.42	Rating **	A/W	Issue No.	161
LM End	5.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238729°	37.238729°
				-120.748884°	-120.748884°
DWR ID	DWR_NA0010_06_f_2022_161				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Monitor repair for settlement.					

Photo 1 of 1 : SP_2024_NA0010_124_161_20240212_00072.jpg



Deep livestock trail on the landside slope. (Fall 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.55	Rating **	M	Issue No.	1228
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:71110 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 11.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.63). DWR As-Built Specification No. 61-01, Sheet No. 49, 7 March 1961, (HLM 5.63)]. FS Date: 7/27/2021					

Photo 1 of 1 : UCIP_SP_2024_71110_103078.jpg



LS view: Closeup of pipe inlet at toe with vegetation growth.

LM Start	5.57	Rating **	C	Issue No.	159
LM End	5.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238566°	37.238566°
				-120.746200°	-120.746200°
DWR ID	DWR_NA0010_06_f_2022_159				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.60	Rating **	C	Issue No.	158
LM End	5.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238539°	37.238539°
				-120.745669°	-120.745669°
DWR ID	DWR_NA0010_06_f_2022_158				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	5.68	Rating **	C	Issue No.	157
LM End	5.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238459°	37.238459°
				-120.744176°	-120.744176°
DWR ID	DWR_NA0010_06_f_2022_157				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	5.77	Rating **	A/W	Issue No.	66
LM End	5.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.238354°	37.238354°
				-120.742480°	-120.742480°
DWR ID	DWR_NA0010_06_f_2017_66				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been place to repair the damage. Montior for settlement.					

Photo 1 of 1 : SP_2024_NA0010_124_66_20240212_00010.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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.98	Rating **	M	Issue No.	1229	
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:71111 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.06). DWR As-Built Specification No. 61-01, Sheet No. 49, 7 March 1961, (HLM 6.06)]. FS Date: 7/27/2021						

Photo 1 of 3 : UCIP_SP_2024_71111_103092.jpg



Levee crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	5.98	Rating **	M	Issue No.	1229 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71111_103093.jpg



LS view: Toe from crown.

LM Start	5.98	Rating **	M	Issue No.	1229 (cont)
LM End	5.98	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71111_103094.jpg



LS toe: Headwall and slope from toe.

LM Start	6.06	Rating **	A/W	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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.09	Rating **	A/W	Issue No.	21
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235623°	37.235623°
				-120.738017°	-120.738017°
DWR ID	DWR_NA0010_06_s_2012_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	6.09	Rating **	A/W	Issue No.	85
LM End	6.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.235572°	37.235572°
				-120.738002°	-120.738002°
DWR ID	DWR_NA0010_06_f_2018_85				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Livestock damage to slope and shoulder of levee.					

Photo 1 of 1 : SP_2024_NA0010_124_85_20240212_00021.jpg



View of livestock damage on waterside slope. (Fall 2022)

LM Start	6.10	Rating **	A/W	Issue No.	84
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.235570°	37.235570°
				-120.737998°	-120.737998°
DWR ID	DWR_NA0010_06_f_2018_84				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Material has been placed to repair the slope damage. Monitor for settlement.					

Photo 1 of 1 : SP_2024_NA0010_124_84_20240212_00020.jpg



Erosion to slope and into crown from livestock. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.15	Rating **	A/W	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 : SP_2024_NA0010_124_90_20240212_00025.jpg



Looking at 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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.70	Rating **	M	Issue No.	1230
LM End	6.70	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:71112 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 7.0 feet below the crown. Slide gate in a 36-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.79). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 6.79)]. FS Date: 7/27/2021					

LM Start	6.70	Rating **	M	Issue No.	1230 (cont)
LM End	6.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71112_103109.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2024_71112_103106.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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.70	Rating **	M	Issue No.	1230 (cont)
LM End	6.70	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_SP_2024_71112_103107.jpg



LS view: Closeup of pipe inlet at toe.

LM Start	6.88	Rating **	M	Issue No.	143
LM End	6.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.228370°	37.228370°
				-120.728004°	-120.728004°
DWR ID	DWR_NA0010_06_s_2022_143				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_143_20240212_00061.jpg



Levee damage on the landside slope from livestock activity. (Spring 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.89	Rating **	M	Issue No.	1231	
LM End	6.89	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:71113 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 10.7 feet below the crown. Slide gate in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 6.97). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 6.97)]. FS Date: 7/13/2021						

Photo 1 of 1 : UCIP_SP_2024_71113_101626.jpg



WS view: Closeup of riser on slope with broken lid.

LM Start	6.92	Rating **	M	Issue No.	79
LM End	6.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.228054°	37.228054°
				-120.727428°	-120.727428°
DWR ID	DWR_NA0010_06_f_2018_79				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage has been repaired with loose soil.					

Photo 1 of 1 : SP_2024_NA0010_124_79_20240212_00018.jpg



View down the landside slope of damage from livestock. (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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	6.93	Rating **	A/W	Issue No.	57							
LM End	8.60	Issue Type +	Ma	Location *	CR							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Crown Surface / Depressions / Rutting		37.227917°	37.211805°								
			-120.727146°	-120.707117°								
DWR ID	DWR_NA0010_06_s_2024_57											
Comment Code												
C2 : Repair depressions or ruts in the crown or slope.												
Inspector Comment												
Depressions and rutting should be repaired before it worsens.												

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	7.21	Rating **	A	Issue No.	1232
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:71114 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.29). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 7.29)]. FS Date: 7/13/2021					

Photo 1 of 2 : UCIP_SP_2024_71114_101633.jpg



LS view: Closeup of pipe inlet at toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	7.21	Rating **	A	Issue No.	1232 (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 2 : UCIP_SP_2024_71114_101637.jpg



WS view: Closeup of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	7.66	Rating **	A	Issue No.	1233
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:71115 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 7.74). DWR As-Built Specification No. 61-01, Sheet No. 50, 7 March 1961, (HLM 7.74)]. FS Date: 7/13/2021					

Photo 1 of 2 : UCIP_SP_2024_71115_101646.jpg



LS view: Closeup of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	7.66	Rating **	A	Issue No.	1233 (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 2 of 2 : UCIP_SP_2024_71115_101642.jpg



WS view: Closeup of flapgate 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	Erosion / Livestock			37.222689°	37.222689°
				-120.716400°	-120.716400°
DWR ID	DWR_NA0010_06_f_2018_74				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_74_20240212_00016.jpg



Slope damage from livestock. (Spring 2022)

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	Erosion / Livestock			37.217199°	37.217199°
				-120.713374°	-120.713374°
DWR ID	DWR_NA0010_06_f_2017_65				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Livestock damage to levee slope but the integrity of the levee is not compromised. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_124_65_20240212_00009.jpg



Looking southwest at the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	8.13	Rating **	A	Issue No.	1234
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:71116 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.21). DWR As-Built Specification No. 61-01, Sheet No. 51, 7 March 1961, (HLM 8.21)]. FS Date: 7/13/2021					

Photo 1 of 2 : UCIP_SP_2024_71116_102250.jpg



LS view: Closeup of pipe inlet at toe. Some vegetation blocking.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	8.13	Rating **	A	Issue No.	1234 (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 2 of 2 : UCIP_SP_2024_71116_102246.jpg



WS view: Closeup of flapgate at toe.

LM Start	8.20	Rating **	C	Issue No.	104
LM End	8.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.215588°	37.215588°
				-120.712406°	-120.712406°
DWR ID	DWR_NA0010_06_f_2020_104				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Slope damage on both sides has been repaired with loose soil. Monitor for settlement.					

No Photos

LM Start	8.32	Rating **	C	Issue No.	89
LM End	8.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.214273°	37.214273°
				-120.711100°	-120.711100°
DWR ID	DWR_NA0010_06_f_2019_89				
Comment Code					
E4 : 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.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	8.33	Rating **	C	Issue No.	142							
LM End	8.33	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Erosion / Livestock		37.214232°	37.214232°								
			-120.711025°	-120.711025°								
DWR ID	DWR_NA0010_06_s_2022_142											
Comment Code												
E4 : Repair the levee slope damaged by livestock and prevent large animal access.												
Inspector Comment												

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	8.43	Rating **	A	Issue No.	1235
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				
Comment Code					
Inspector Comment					
DS_ID:19871 FS_ID:71117 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.51). DWR As-Built Specification No. 61-01, Sheet No. 51, 7 March 1961, (HLM 8.51)]. FS Date: 7/13/2021					

Photo 1 of 2 : UCIP_SP_2024_71117_102257.jpg



LS view: Inside pipe inlet at toe, slightly rusted inside.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	8.43	Rating **	A	Issue No.	1235 (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 2 of 2 : UCIP_SP_2024_71117_102253.jpg



WS view: Inside pipe outlet at toe.

LM Start	8.61	Rating **	A/W	Issue No.	121
LM End	8.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.211700°	37.210809°
				-120.706976°	-120.706106°
DWR ID	DWR_NA0010_06_f_2021_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_121_20240212_00044.jpg



Looking at rodent holes in the landside slope. (Fall 2021)

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					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_103_20240212_00031.jpg



Rodent holes in the landside slope. (Fall 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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 : SP_2024_NA0010_124_102_20240212_00030.jpg



View of large animal burrow in the landside slope. (Fall 2020)

LM Start	10.78	Rating **	U	Issue No.	156
LM End	10.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.189849°	37.189849°
				-120.679749°	-120.679749°
DWR ID	DWR_NA0010_06_f_2022_156				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes in the landside slope and landside access ramp.					

Photo 1 of 1 : SP_2024_NA0010_124_156_20240212_00069.jpg



Representative view of animal burrows on the landside slope. (Fall 2022)

LM Start	10.96	Rating **	A/W	Issue No.	141
LM End	10.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.187999°	37.187999°
				-120.677522°	-120.677522°
DWR ID	DWR_NA0010_06_s_2022_141				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_141_20240212_00059.jpg



View of damage to the landside slope. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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 and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Almond tree located along Sandy Mush Road on waterside slope.					

Photo 1 of 1 : SP_2024_NA0010_124_14_20240212_00007.jpg



Looking west at tree on waterward slope. (Spring 2021)

LM Start	11.56	Rating **	M	Issue No.	1237	
LM End	11.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.186227°	37.186227°	
				-120.667337°	-120.667337°	
DWR ID	19875					
Comment Code						
Inspector Comment						
DS_ID:19875 FS_ID:71150 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) through the levee, 16.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.64). DWR As-Built Specification No. 59-01, Sheet No. 66, 10 December 1958, (HLM 11.64)]. FS Date: 7/13/2021						

Photo 1 of 2 : UCIP_SP_2024_71150_102326.jpg



LS view: Top of headwall barely visible under dense vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	11.56	Rating **	M	Issue No.	1237 (cont)
LM End	11.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.186227°	37.186227°	
			-120.667337°	-120.667337°	
DWR ID	19875				

Photo 2 of 2 : UCIP_SP_2024_71150_102323.jpg



WS view: Lower slope, flapgate covered by barbed wire and dense vegetation.

LM Start	11.74	Rating **	U	Issue No.	1238
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				

Comment Code

Inspector Comment

DS_ID:19876
 FS_ID:81022
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 09/19/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP)
 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 (CMP) through the levee, 17.0 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 11.83). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 11.82). DWR As-Built Specification No. 59-01, Sheet No. 66, 10 December 1958, (HLM 11.82)].
 FS Date: 7/13/2021

Photo 1 of 2 : UCIP_SP_2024_81022_102328.jpg



WS view: Flapgate barely visible under dense vegetation at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	11.74	Rating **	U	Issue No.	1238 (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 2 : UCIP_SP_2024_81022_102333.jpg



LS view: Headwall and inlet covered by dense vegetation at toe.

LM Start	13.22	Rating **	M	Issue No.	1239
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:71152

EP_NO: N/A

Repair Type: Non-Urgent

EVAL Issue: 4b, 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 (CMP) through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 13.31). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.30). DWR As-Built Specification No. 59-01, Sheet No. 67, 10 December 1958, (HLM 13.30)].

FS Date: 7/13/2021

Photo 1 of 3 : UCIP_SP_2024_71152_102340.jpg



LS view: Top of headwall at toe, inlet covered with vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	13.22	Rating **	M	Issue No.	1239 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_71152_102337.jpg



WS view: Closeup of riser on slope, broken lid.

LM Start	13.22	Rating **	M	Issue No.	1239 (cont)
LM End	13.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71152_102336.jpg



WS view: Riser visible on slope from crown.

LM Start	14.00	Rating **	U	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					
Caving has eaten approximately 1 foot into the levee crown.					

Photo 1 of 1 : SP_2024_NA0010_124_120_20240212_00043.jpg



View of slope stability issue on the landside slope. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	14.36	Rating **	M	Issue No.	1240
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:71153 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 14.44). DWR As-Built Specification No. 59-01, Sheet No. 68, 10 December 1958, (HLM 14.44)]. FS Date: 7/13/2021					

Photo 1 of 1 : UCIP_SP_2024_71153_102397.jpg



LS view: Slope from toe, no pipe visible.

LM Start	14.37	Rating **	A/W	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					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	14.63	Rating **	A/W	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 located along landside shoulder appear to have been repaired. Monitor for possible reappearance of rodents.					

No Photos

LM Start	14.93	Rating **	A/W	Issue No.	144
LM End	15.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.162295°	37.161858°
				-120.628897°	-120.627784°
DWR ID	DWR_NA0010_06_f_2023_144				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_144_20240212_00062.jpg



View of revetment protected waterside slope. (Fall 2023)

LM Start	15.12	Rating **	U	Issue No.	134
LM End	15.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.161098°	37.161098°
				-120.625870°	-120.625870°
DWR ID	DWR_NA0010_06_f_2023_134				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_134_20240212_00052.jpg



View of several rodent burrows in the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	15.28	Rating **	U	Issue No.	124
LM End	15.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.160104°	37.157640°
				-120.623317°	-120.618180°
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 : SP_2024_NA0010_124_124_20240212_00046.jpg



Large rodent burrows observed in the landside slope. (Fall 2021)

LM Start	15.32	Rating **	M	Issue No.	118
LM End	15.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.159815°	37.159815°
				-120.622513°	-120.622513°
DWR ID	DWR_NA0010_06_s_2022_118				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_118_20240212_00041.jpg



View of rodent holes on the waterside slope. (Spring 2022)

LM Start	15.66	Rating **	C	Issue No.	137
LM End	15.66	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.157108°	37.157108°
				-120.617451°	-120.617451°
DWR ID	DWR_NA0010_06_s_2022_137				
Comment Code					
AG : Access Gates					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	15.68	Rating **	U	Issue No.	1241	
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:77870 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 15.78). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.76). DWR As-Built Specification No. 59-01, Sheet No. 69, 10 December 1958, (HLM 15.76)]. FS Date: 7/13/2021 2:03:17 PM						

Photo 1 of 2 : UCIP_SP_2024_77870_102351.jpg



LS view: Closeup of pipe inlet at toe with sediment buildup.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	15.68	Rating **	U	Issue No.	1241 (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 2 : UCIP_SP_2024_77870_102350.jpg



LS view: Headwall visible at toe.

LM Start	15.68	Rating **	M	Issue No.	56
LM End	15.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.156889°	37.156889°
				-120.617165°	-120.617165°
DWR ID	DWR_NA0010_06_s_2024_56				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_56_20240326_00153.jpg



View of rodent burrows on the landside slope. (Spring 2024)

LM Start	15.71	Rating **	M	Issue No.	55
LM End	15.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.156597°	37.156597°
				-120.616767°	-120.616767°
DWR ID	DWR_NA0010_06_s_2024_55				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	15.82	Rating **	M	Issue No.	1242
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:71134 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 15.91). DWR As-Built Specification No. 59-01, Sheet No. 69, 10 December 1958, (HLM 15.91)]. FS Date: 7/13/2021					

Photo 1 of 1 : UCIP_SP_2024_71134_102360.jpg



WS view: Closeup of headwall and flapgate covered by dirt at 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

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	16.33	Rating **	M	Issue No.	54
LM End	16.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.150606°	37.150606°
				-120.608552°	-120.608552°
DWR ID	DWR_NA0010_06_s_2024_54				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA has placed bait stations along this section.					

Photo 1 of 1 : SP_2024_NA0010_124_54_20240326_00154.jpg



Several rodent burrows observed along this section. (Spring 2024)

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

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					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_115_20240212_00039.jpg



Looking along the landside slope at rodent burrows. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	18.20	Rating **	U	Issue No.	1243
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:77871 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.27). DWR As-Built Specification No. 59-01, Sheet No. 70, 10 December 1958, (HLM 18.27)]. FS Date: 7/13/2021 2:03:37 PM					

Photo 1 of 2 : UCIP_SP_2024_77871_101421.jpg



LS view: Closeup of pipe inlet at toe filled with sediment.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	18.20	Rating **	U	Issue No.	1243 (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 2 : UCIP_SP_2024_77871_101424.jpg



WS view: Closeup of flapgate at toe covered with vegetation.

LM Start	18.70	Rating **	M	Issue No.	128
LM End	18.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.120792°	37.120792°
				-120.587878°	-120.587878°
DWR ID	DWR_NA0010_06_f_2023_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 : SP_2024_NA0010_124_128_20240212_00048.jpg



View of rodent holes along the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	18.89	Rating **	M	Issue No.	1244
LM End	18.89	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:71139 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 10.2 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 18.98). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 18.97). DWR As-Built Specification No. 59-01, Sheet No. 71, 10 December 1958, (HLM 18.97)]. FS Date: 7/12/2021					

LM Start	18.89	Rating **	M	Issue No.	1244 (cont)
LM End	18.89	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_71139_101555.jpg



WS view: Riser missing cover on slope.

Photo 2 of 2 : UCIP_SP_2024_71139_101557.jpg



WS view: Closeup of pipe outlet at toe with slightly warped edges.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	19.07	Rating **	U	Issue No.	72
LM End	19.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.115706°	37.115706°
				-120.587036°	-120.587036°
DWR ID	DWR_NA0010_06_s_2021_72				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_72_20240212_00015.jpg



Large rodent burrows observed in the landside slope. (Spring 2021)

LM Start	19.18	Rating **	M	Issue No.	136
LM End	19.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.114272°	37.113716°
				-120.587857°	-120.588225°
DWR ID	DWR_NA0010_06_s_2022_136				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_136_20240212_00054.jpg



Looking downstream along the landside slope at rodent burrows. (Spring 2022)

LM Start	19.23	Rating **	M	Issue No.	135
LM End	19.23	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.113581°	37.113581°
				-120.588310°	-120.588310°
DWR ID	DWR_NA0010_06_s_2022_135				
Comment Code					
AG : Access Gates					
Inspector Comment					
Bottom of gate has broken off near hinge causing the gate to drag.					

Photo 1 of 1 : SP_2024_NA0010_124_135_20240212_00053.jpg



View of access gate with a broken bottom hinge. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	19.28	Rating **	U	Issue No.	1245	
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:81021 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 09/19/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP) 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 (CMP) through the levee, 20.0 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. Riprap along the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.36). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.36). DWR As-Built Specification No. 59-01, Sheet No. 72, 10 December 1958, (HLM 19.36)]. FS Date: 7/12/2021						

Photo 1 of 3 : UCIP_SP_2024_81021_101574.jpg



Levee crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	19.28	Rating **	U	Issue No.	1245 (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 2 of 3 : UCIP_SP_2024_81021_101575.jpg



LS view: Slope from crown, no pipe visible.

LM Start	19.28	Rating **	U	Issue No.	1245 (cont)
LM End	19.28	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_81021_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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	19.41	Rating **	M	Issue No.	53
LM End	19.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.111443°	37.113019°
				-120.587718°	-120.586566°
DWR ID	DWR_NA0010_06_s_2024_53				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_53_20240326_00155.jpg



View of vegetation on the landside slope. (Spring 2024)

LM Start	19.94	Rating **	M	Issue No.	1246	
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:71141 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) through the levee, 14.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 19.82). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 19.85). DWR As-Built Specification No. 59-01, Sheet No. 73, 10 December 1958, (HLM 19.85)]. FS Date: 7/12/2021						

Photo 1 of 2 : UCIP_SP_2024_71141_101579.jpg



LS view: Dense vegetation over pipe inlet at toe, pipe not visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	19.94	Rating **	M	Issue No.	1246 (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 2 of 2 : UCIP_SP_2024_71141_101584.jpg



WS view: Close up of pipe outlet area covered with vegetation.

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	Erosion / Livestock			37.113107°	37.108653°
				-120.563782°	-120.558977°
DWR ID	DWR_NA0010_06_s_2015_1209				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_1209_20240212_00075.jpg



Erosion on the landside slope from livestock activity. (Spring 2020)

LM Start	21.24	Rating **	M	Issue No.	149
LM End	21.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.108126°	37.108126°
				-120.558461°	-120.558461°
DWR ID	DWR_NA0010_06_f_2022_149				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_149_20240212_00067.jpg



View of multiple rodent holes on the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	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 : SP_2024_NA0010_124_113_20240212_00037.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 : SP_2024_NA0010_124_114_20240212_00038.jpg



View of rodent burrows on the landside slope. (Spring 2020)

LM Start	21.54	Rating **	M	Issue No.	112
LM End	21.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.104695°	37.104258°
				-120.555001°	-120.554559°
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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	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	Erosion / Livestock			37.102844°	37.102002°
				-120.553160°	-120.552314°
DWR ID	DWR_NA0010_06_f_2018_107				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_107_20240326_00156.jpg



View of erosion in landside levee prism. (Spring 2024)

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	Erosion / Livestock			37.101617°	37.098894°
				-120.551909°	-120.549178°
DWR ID	DWR_NA0010_06_f_2020_91				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_91_20240212_00026.jpg



Cattle trail damage to the landside slope and shoulder. (Fall 2020)

LM Start	22.00	Rating **	M	Issue No.	123
LM End	22.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.099556°	37.099556°
				-120.549876°	-120.549876°
DWR ID	DWR_NA0010_06_f_2023_123				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_123_20240212_00045.jpg



View of large animal burrow in the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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	Erosion / Livestock			37.098524°	37.094479°
				-120.548781°	-120.544435°
DWR ID	DWR_NA0010_06_f_2017_86				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_86_20240212_00022.jpg



Looking upstream along the landside slope. (Fall 2020)

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 : SP_2024_NA0010_124_70_20240212_00014.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 : SP_2024_NA0010_124_117_20240326_00157.jpg



Large concrete block left on the landside toe. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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 : SP_2024_NA0010_124_110_20240212_00036.jpg



View of rodent burrows on the landside slope. (Fall 2021)

LM Start	24.06	Rating **	M	Issue No.	145
LM End	24.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.076933°	37.076933°
				-120.525444°	-120.525444°
DWR ID	DWR_NA0010_06_f_2022_145				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_145_20240212_00063.jpg



Several rodent holes observed at this location. (Fall 2022)

LM Start	24.36	Rating **	U	Issue No.	5
LM End	25.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.073621°	37.066501°
				-120.521848°	-120.514193°
DWR ID	DWR_NA0010_06_s_2012_5				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Landside erosion and slope instability caused by livestock extends into levee crown. At the worst locations erosion extends 2.5 feet to 3 feet from the shoulder into the crown.					

Photo 1 of 1 : SP_2024_NA0010_124_5_20240212_00006.jpg



Looking downstream at erosion from livestock. (Fall 2020)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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	Erosion / Livestock			37.070841°	37.067859°
				-120.518829°	-120.515616°
DWR ID	DWR_NA0010_06_f_2021_109				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	26.13	Rating **	A/W	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 : SP_2024_NA0010_124_1208_20240212_00074.jpg



Rodent holes on landward slope.

LM Start	26.37	Rating **	A/W	Issue No.	140
LM End	26.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.051751°	37.051751°
				-120.497801°	-120.497801°
DWR ID	DWR_NA0010_06_f_2022_140				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_140_20240212_00058.jpg



View of multiple animal holes in the landside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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

LM Start	27.43	Rating **	U	Issue No.	3
LM End	27.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.036955°	37.032762°
				-120.484395°	-120.481078°
DWR ID	DWR_NA0010_06_s_2012_3				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_3_20240212_00005.jpg



Looking south along landside slope. (Spring 2022)

LM Start	27.65	Rating **	M	Issue No.	132
LM End	27.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.036856°	37.033468°
				-120.484309°	-120.481709°
DWR ID	DWR_NA0010_06_s_2022_132				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_132_20240212_00051.jpg



View of erosion on the waterside slope. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	28.18	Rating **	A/W	Issue No.	131
LM End	28.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.030925°	37.030925°
				-120.478368°	-120.478368°
DWR ID	DWR_NA0010_06_s_2022_131				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_131_20240212_00050.jpg



View of damage to the landside slope. (Spring 2022)

LM Start	28.32	Rating **	M	Issue No.	52
LM End	28.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030171°	37.030171°
				-120.476141°	-120.476141°
DWR ID	DWR_NA0010_06_s_2024_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_52_20240326_00158.jpg



Large rodent hole observed near the landside hinge point. (Spring 2024)

LM Start	28.39	Rating **	A/W	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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	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 on the landside slope and crown.					

Photo 1 of 1 : SP_2024_NA0010_124_19_20240212_00008.jpg



View of rodent burrow in the levee crown. (Fall 2019)

LM Start	29.51	Rating **	A/W	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

LM Start	30.79	Rating **	M	Issue No.	139
LM End	30.79	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.021804°	37.021804°
				-120.437703°	-120.437703°
DWR ID	DWR_NA0010_06_f_2022_139				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Collapsed rodent burrow has created a few depressions in the crown at this location.					

Photo 1 of 1 : SP_2024_NA0010_124_139_20240212_00057.jpg



Depression in the levee crown. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

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	Erosion / Livestock			37.021615°	37.018428°
				-120.437587°	-120.435378°
DWR ID	DWR_NA0010_06_s_2015_1207				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_1207_20240212_00073.jpg



Looking upstream at livestock damage to the landside slope. (Fall 2020)

LM Start	31.50	Rating **	M	Issue No.	108
LM End	31.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.012830°	37.010335°
				-120.431523°	-120.429817°
DWR ID	DWR_NA0010_06_f_2021_108				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_108_20240212_00035.jpg



View of the landside slope looking downstream. (Fall 2021)

LM Start	32.01	Rating **	A/W	Issue No.	81
LM End	32.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.006888°	37.006888°
				-120.426030°	-120.426030°
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					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	03/20/2024 03/22/2024	Corey Fujitani

LM Start	32.37	Rating **	U	Issue No.	129
LM End	32.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.003251°	36.997745°
				-120.421556°	-120.415197°
DWR ID	DWR_NA0010_06_s_2022_129				
Comment Code					
E4 : 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 : SP_2024_NA0010_124_129_20240212_00049.jpg



Erosion from livestock activity along the landside slope. (Spring 2022)

LM Start	32.92	Rating **	A/W	Issue No.	87
LM End	33.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.997386°	36.994944°
				-120.414850°	-120.412131°
DWR ID	DWR_NA0010_06_f_2023_87				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_87_20240212_00023.jpg



View of revetment placed on the waterside slope. (Fall 2023)

LM Start	35.68	Rating **	M	Issue No.	50
LM End	36.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974363°	36.974407°
				-120.377373°	-120.365412°
DWR ID	DWR_NA0010_06_s_2024_50				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_124_50_20240326_00159.jpg



View of vegetation growing on the landside slope. (Spring 2024)

* 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	

Lower San Joaquin Levee District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.07	Rating **	M	Issue No.	30 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71165_99438.jpg



WS view: Slope, headwall, and flapgate 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 : SP_2024_NA0010_125_17_20240212_00005.jpg



View of rodent holes in the landside slope. (Fall 2021)

LM Start	0.12	Rating **	A	Issue No.	24
LM End	0.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256030°	37.256030°
				-120.770350°	-120.770350°
DWR ID	DWR_NA0010_07_s_2024_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_125_24_20240326_00046.jpg



View of the landside slope looking upstream. (Spring 2024)

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	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:71166 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.33). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.33)]. FS Date: 6/2/2021						

LM Start	0.33	Rating **	M	Issue No.	31 (cont)
LM End	0.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71166_99448.jpg



LS view: Slope and headwall at toe.

Photo 2 of 3 : UCIP_SP_2024_71166_99443.jpg



LS view: Close up of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.33	Rating **	M	Issue No.	31 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71166_99445.jpg



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

LM Start	0.40	Rating **	A/W	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 : SP_2024_NA0010_125_29_20240212_00012.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 : SP_2024_NA0010_125_22_20240212_00009.jpg



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

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	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:71167 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 9.7 feet below the crown. Slide gate in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.49). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.49)]. FS Date: 6/2/2021					

LM Start	0.49	Rating **	M	Issue No.	32 (cont)
LM End	0.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71167_99450.jpg



LS view: Slope and headwall at toe.

Photo 2 of 3 : UCIP_SP_2024_71167_99453.jpg



WS view: Slope with metal riser and slidegate from crown.

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.49	Rating **	M	Issue No.	32 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71167_99454.jpg



WS view: Close up of inside metal riser, wood pallets in the way.

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	Erosion / Livestock			37.259097°	37.259097°
				-120.764846°	-120.764846°
DWR ID	DWR_NA0010_07_f_2018_18				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope but the levee integrity is not compromised. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_125_18_20240212_00006.jpg



View of damage from livestock looking upstream. (Fall 2023)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.53	Rating **	U	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:72517
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 3a, Flood Risk
Crossing Status: Found
UCIP Comments: 05/04/2023 Enforcement Case No. 2023-15633 was issued to this crossing for unauthorized modifications that include: Unauthorized removal of flood control flapgate on the waterside of the levee, adding flashboards and metal brackets to landside and waterside concrete headwalls. (O.Yakimov - DWR UCIP)
06/2/2021 The record has been upgraded from No Action Needed to Urgent. There are plywood barriers on both WS and LS pipe ends, but no flapgate on either, and flapgate removed on WS. 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. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.53). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.53)].
FS Date: 6/2/2021

LM Start	0.53	Rating **	U	Issue No.	33 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_72517_99457.jpg



LS view: Close up of plywood barrier at toe.

Photo 2 of 3 : UCIP_SP_2024_72517_99458.jpg



LS view: Close up of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.53	Rating **	U	Issue No.	33 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_72517_99463.jpg



WS view: Close up of plywood barrier with no flapgate.

LM Start	0.56	Rating **	A/W	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 : SP_2024_NA0010_125_23_20240212_00010.jpg



Looking at rodent burrows along the waterside slope. (Fall 2021)

LM Start	0.70	Rating **	A/W	Issue No.	19
LM End	0.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.261337°	37.261337°
				-120.763303°	-120.763303°
DWR ID	DWR_NA0010_07_f_2018_19				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
There is livestock damage to the landside slope but the levee integrity is not compromised. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_125_19_20240212_00007.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	34	
LM End	0.85	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:71169 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 05/04/2023 Enforcement Case No. 2023-15633 was issued to this crossing for unauthorized modifications that include: Cutting out the pipe to install a concrete riser with water meter inside, adding flashboards and metal brackets to landside and waterside concrete headwalls. (O.Yakimov - DWR UCIP) 06/2/2021 Record remains Non-Urgent. 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. DMP internal video inspection has found moderate pipe defects. Crossing will be monitored until funding becomes available for rehabilitation. 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 (CMP) through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Wooden weir on a concrete headwall at the landside (LS) toe. 36-inch concrete riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.85). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.85)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2024_71169_99465.jpg



LS view: Slope and riser visible at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.85	Rating **	M	Issue No.	34 (cont)
LM End	0.85	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 2 of 3 : UCIP_SP_2024_71169_99466.jpg



LS view: Close up of pipe inlet at toe.

LM Start	0.85	Rating **	M	Issue No.	34 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71169_99470.jpg



WS view: Close up of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	35	
LM End	0.94	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:71170 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.94). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.94)]. FS Date: 6/2/2021						

LM Start	0.94	Rating **	M	Issue No.	35 (cont)
LM End	0.94	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71170_99472.jpg



LS view: Slope and headwall at toe.

Photo 2 of 3 : UCIP_SP_2024_71170_99473.jpg



LS view: Close up of pipe inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.94	Rating **	M	Issue No.	35 (cont)
LM End	0.94	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 3 of 3 : UCIP_SP_2024_71170_99476.jpg



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

LM Start	1.17	Rating **	A	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:81167
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 09/25/2023 DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (J. Taylor - DWR UCIP)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 CIPP lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.17). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 1.17)].
 FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2024_81167_99483.jpg



LS view: Slope and headwall at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	1.17	Rating **	A	Issue No.	36 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_81167_99484.jpg



LS view: Close up of pipe inlet at toe.

LM Start	1.17	Rating **	A	Issue No.	36 (cont)
LM End	1.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_81167_99479.jpg



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

LM Start	1.24	Rating **	A/W	Issue No.	25
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.264365°	37.264365°
				-120.755358°	-120.755358°
DWR ID	DWR_NA0010_07_s_2022_25				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_125_25_20240212_00011.jpg



Looking down the landside slope at erosion from livestock traffic. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

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	Erosion / Livestock			37.263999°	37.263999°
				-120.750854°	-120.750854°
DWR ID	DWR_NA0010_07_f_2017_16				
Comment Code					
E4 : 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 : SP_2024_NA0010_125_16_20240212_00004.jpg



Cattle trail on the landside slope. (Fall 2020)

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 : SP_2024_NA0010_125_6_20240326_00047.jpg



View of rodent holes on the landside slope. (Spring 2024)

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

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:71172					
EP_NO: N/A					
Repair Type: Non-Urgent					
EVAL Issue:					
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 (CMP) through the levee, 14.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.51). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 1.51)].					
FS Date: 6/2/2021					

LM Start	1.50	Rating **	M	Issue No.	37 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71172_99486.jpg



LS view: Slope and headwall at toe.

Photo 2 of 3 : UCIP_SP_2024_71172_99487.jpg



LS view: Close up of pipe inlet at toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	1.50	Rating **	M	Issue No.	37 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71172_99489.jpg



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

LM Start	1.71	Rating **	A/W	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. Continue to monitor.					

No Photos

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	Erosion / Livestock			37.261379°	37.261379°
				-120.744228°	-120.744228°
DWR ID	DWR_NA0010_07_f_2018_21				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_125_21_20240326_00048.jpg



View of damage to the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.09	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_125_12_20240212_00002.jpg



View of rodent hole at the fence post on the landside shoulder. (Fall 2020)

LM Start	2.17	Rating **	A/W	Issue No.	15
LM End	2.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258774°	37.258774°
				-120.741236°	-120.741236°
DWR ID	DWR_NA0010_07_f_2023_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes with large amount of material displaced in the levee crown.					

Photo 1 of 1 : SP_2024_NA0010_125_15_20240212_00003.jpg



View of rodent hole with significant material displaced in the levee crown. (Fall 2023)

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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.48	Rating **	M	Issue No.	38	
LM End	2.48	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:71173 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.48). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.48)]. FS Date: 6/2/2021						

LM Start	2.48	Rating **	M	Issue No.	38 (cont)
LM End	2.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71173_99499.jpg



LS view: Slope and headwall at toe.

Photo 2 of 3 : UCIP_SP_2024_71173_99493.jpg



LS view: Pipe inlet and riser with flowmeter off toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.48	Rating **	M	Issue No.	38 (cont)
LM End	2.48	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_SP_2024_71173_99495.jpg



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

LM Start	2.63	Rating **	M	Issue No.	39
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				

Comment Code

Inspector Comment

DS_ID:19900
 FS_ID:71174
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.64). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.64)].
 FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2024_71174_99502.jpg



LS view: Slope and headwall at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	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_SP_2024_71174_99505.jpg



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

LM Start	2.63	Rating **	M	Issue No.	39 (cont)
LM End	2.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71174_99506.jpg



WS view: Close up of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.09	Rating **	A	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:71175 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Record updated from Non-Urgent to No Action Needed. Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.09). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.09)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2024_71175_99514.jpg



LS view: Close up of pipe inlet at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.09	Rating **	A	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 2 of 3 : UCIP_SP_2024_71175_99508.jpg



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

LM Start	3.09	Rating **	A	Issue No.	40 (cont)
LM End	3.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71175_99509.jpg



WS view: Close up 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	29
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:71177 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.23). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.23)]. FS Date: 6/2/2021					

LM Start	0.23	Rating **	M	Issue No.	29 (cont)
LM End	0.23	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71177_99546.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71177_99547.jpg



LS view: Slope and headwall at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.23	Rating **	M	Issue No.	29 (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_SP_2024_71177_99548.jpg



LS view: Close up of pipe inlet at toe.

LM Start	0.49	Rating **	U	Issue No.	16
LM End	0.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257458°	37.257458°
				-120.763682°	-120.763682°
DWR ID	DWR_NA0010_08_f_2022_16				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_126_16_20240212_00001.jpg



View of animal holes with large quantities of material displaced. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.57	Rating **	M	Issue No.	30
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:71178 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.57). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.57)]. FS Date: 6/2/2021					

LM Start	0.57	Rating **	M	Issue No.	30 (cont)
LM End	0.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71178_99553.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71178_99554.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 M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.57	Rating **	M	Issue No.	30 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71178_99555.jpg



LS view: Slope and headwall at toe.

LM Start	0.72	Rating **	M	Issue No.	31
LM End	0.72	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:71179
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.72). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.72)].
FS Date: 6/2/2021

Photo 1 of 3 : UCIP_SP_2024_71179_99560.jpg



Levee crown looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.72	Rating **	M	Issue No.	31 (cont)
LM End	0.72	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_SP_2024_71179_99561.jpg



LS view: Toe from crown.

LM Start	0.72	Rating **	M	Issue No.	31 (cont)
LM End	0.72	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_71179_99562.jpg



LS view: Slope and headwall at toe.

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.90	Rating **	M	Issue No.	32
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:71180 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.89). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 0.89)]. FS Date: 6/2/2021					

LM Start	0.90	Rating **	M	Issue No.	32 (cont)
LM End	0.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71180_99567.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71180_99568.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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.90	Rating **	M	Issue No.	32 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71180_99569.jpg



LS view: Slope and headwall at toe.

LM Start	1.02	Rating **	M	Issue No.	15
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263372°	37.263372°
				-120.758742°	-120.758742°
DWR ID	DWR_NA0010_08_s_2024_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_126_15_20240326_00037.jpg



View of rodent burrows on the landside slope. (Spring 2024)

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	Erosion / Livestock			37.263179°	37.263179°
				-120.755444°	-120.755444°
DWR ID	DWR_NA0010_08_f_2019_28				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_126_28_20240326_00038.jpg



View of damage to the landside slope looking downstream. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	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			37.263188°	37.263188°
				-120.755399°	-120.755399°
DWR ID	19833				
Comment Code					
Inspector Comment					
DS_ID:19833 FS_ID:71181 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.21). DWR As-Built Specification No. 63-25, Sheet No. 11, 9 May 1963, (HLM 1.21)]. FS Date: 6/2/2021					

Photo 1 of 1 : UCIP_SP_2024_71181_99576.jpg



LS view: Close up of pipe inlet at toe, some vegetation inside pipe.

LM Start	1.32	Rating **	C	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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	1.38	Rating **	C	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

LM Start	1.38	Rating **	M	Issue No.	34
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:71182 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.38). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 1.38)]. FS Date: 6/2/2021					

Photo 1 of 1 : UCIP_SP_2024_71182_99580.jpg



WS view: Close up of flapgate, vegetation coming out of it.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	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	Erosion / Livestock			37.260673°	37.260673°
				-120.745290°	-120.745290°
DWR ID	DWR_NA0010_08_f_2019_26				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_126_26_20240212_00005.jpg



Looking downstream at erosion spot on the landside slope. (Spring 2022)

LM Start	2.01	Rating **	A	Issue No.	14
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258443°	37.258443°
				-120.743543°	-120.743543°
DWR ID	DWR_NA0010_08_s_2024_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_126_14_20240326_00039.jpg



View of the waterside slope looking downstream. (Spring 2024)

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	35
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:71183 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 12.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.05). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.05)]. FS Date: 6/2/2021					

LM Start	2.05	Rating **	M	Issue No.	35 (cont)
LM End	2.05	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71183_99586.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71183_99587.jpg



LS view: Toe from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.05	Rating **	M	Issue No.	35 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71183_99588.jpg



LS view: Slope from toe, no pipe visible.

LM Start	2.07	Rating **	A/W	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					

Photo 1 of 1 : SP_2024_NA0010_126_25_20240212_00004.jpg



Looking uphill at rodent holes in the landside slope. (Spring 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.12	Rating **	M	Issue No.	36	
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:71184 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.12). DWR As-Built Specification No. 63-25, Sheet No. 12, 9 May 1963, (HLM 2.12)]. FS Date: 6/2/2021						

Photo 1 of 3 : UCIP_SP_2024_71184_99597.jpg



Levee crown looking downstream.

LM Start	2.12	Rating **	M	Issue No.	36 (cont)
LM End	2.12	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2024_71184_99599.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.12	Rating **	M	Issue No.	36 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71184_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

LM Start	2.29	Rating **	A/W	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 : SP_2024_NA0010_126_18_20240212_00003.jpg



View of rodent holes in the landside slope. (Spring 2021)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	37
LM End	2.77	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:71185 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.77). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 2.77)]. FS Date: 6/2/2021					

LM Start	2.77	Rating **	M	Issue No.	37 (cont)
LM End	2.77	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71185_99604.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71185_99605.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	2.77	Rating **	M	Issue No.	37 (cont)
LM End	2.77	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_SP_2024_71185_99606.jpg



LS view: Slope and headwall at toe.

LM Start	3.06	Rating **	M	Issue No.	38
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				

Comment Code

Inspector Comment

DS_ID:19838
 FS_ID:71186
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.06). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.06)].
 FS Date: 6/2/2021

Photo 1 of 1 : UCIP_SP_2024_71186_99610.jpg



LS view: Close up of pipe inlet at toe, some sediment buildup.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.24	Rating **	M	Issue No.	39	
LM End	3.24	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:71187 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 10.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.24). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.24)]. FS Date: 6/2/2021						

LM Start	3.24	Rating **	M	Issue No.	39 (cont)
LM End	3.24	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71187_99618.jpg



Levee crown looking downstream

Photo 2 of 3 : UCIP_SP_2024_71187_99619.jpg



LS view: Toe from crown.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.24	Rating **	M	Issue No.	39 (cont)
LM End	3.24	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				

Photo 3 of 3 : UCIP_SP_2024_71187_99620.jpg



LS view: Slope and headwall at toe.

LM Start	3.28	Rating **	A/W	Issue No.	17
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252537°	37.252537°
				-120.724795°	-120.724795°
DWR ID	DWR_NA0010_08_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 : SP_2024_NA0010_126_17_20240212_00002.jpg



View of animal burrows in the landside slope. (Fall 2021)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.43	Rating **	M	Issue No.	40
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:71188 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 13.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.43). DWR As-Built Specification No. 63-25, Sheet No. 13, 9 May 1963, (HLM 3.43)]. FS Date: 6/2/2021					

LM Start	3.43	Rating **	M	Issue No.	40 (cont)
LM End	3.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_71188_99624.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_71188_99625.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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	03/13/2024 03/13/2024	Corey Fujitani

LM Start	3.43	Rating **	M	Issue No.	40 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_71188_99626.jpg



LS view: Slope from toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.05	Rating **	A	Issue No.	4
LM End	0.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219730°	37.219730°
				-120.712440°	-120.712440°
DWR ID	DWR_NA0010_09_s_2024_4				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_127_4_20240326_00008.jpg



View of vegetation management on the landside slope. (Spring 2024)

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:73203 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 18.7 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.48). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.47). DWR As-Built Specification No. 63-25, Sheet No. 14, 9 May 1963, (HLM 0.47)]. FS Date: 6/9/2021 2:41:00 PM					

Photo 1 of 1 : UCIP_SP_2024_73203_103172.jpg



WS view: Close-up of slide gate in CMP riser on slope.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	03/13/2024 03/13/2024	Corey Fujitani

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 : SP_2024_NA0010_127_6_20240212_00001.jpg



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

LM Start	0.49	Rating **	M	Issue No.	5
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.220549°	37.220549°
				-120.704842°	-120.704842°
DWR ID	DWR_NA0010_09_s_2024_5				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_127_5_20240326_00009.jpg



View of multiple rodent holes on the landside slope. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	03/13/2024 03/13/2024	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:73202 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.70). DWR As-Built Specification No. 63-25, Sheet No. 14, 9 May 1963, (HLM 0.70)]. FS Date: 6/9/2021					

LM Start	0.69	Rating **	M	Issue No.	8 (cont)
LM End	0.69	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73202_103232.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2024_73202_103233.jpg



LS view: Slope from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.69	Rating **	M	Issue No.	8 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_73202_103235.jpg



LS view: Concrete headwall and inlet pipe at toe.

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				

Photo 1 of 2 : UCIP_SP_2024_73200_103189.jpg



LS view: concrete headwall and inlet at LS toe.

Comment Code

Inspector Comment

DS_ID:19843
 FS_ID:73200
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 4b, 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 (CMP) through the levee, 9.7 feet below the crown. Two slide gates in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.87). DWR As-Built Specification No. 63-25, Sheet No. 14, 9 May 1963, (HLM 0.87)].
 FS Date: 6/9/2021 4:30:00 PM

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	03/13/2024 03/13/2024	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 2 of 2 : UCIP_SP_2024_73200_103184.jpg



WS view: CMP riser with slide gate on slope.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.30	Rating **	U	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:81002 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 09/15/2023 Record updated from Non-Urgent to Urgent. DMP internal video inspection has found severe pipe defects. Crossing will be monitored until funding becomes available to address the issues. (O. Yakimov - DWR UCIP) 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 (CMP) through the levee, 19.6 feet below the crown. Slide gate in a 48-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.31). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.31). DWR As-Built Specification No. 63-25, Sheet No. 14, 9 May 1963, (HLM 0.31)]. FS Date: 6/9/2021 11:34:00 AM					

Photo 1 of 1 : UCIP_SP_2024_81002_103402.jpg



WS view: Closeup of CMP riser with slidegate on slope.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	03/13/2024 03/13/2024	Corey Fujitani

LM Start	0.44	Rating **	A	Issue No.	3
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219687°	37.219687°
				-120.704115°	-120.704115°
DWR ID	DWR_NA0010_10_s_2024_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_128_3_20240326_00003.jpg



View of the landside slope vegetation management. (Spring 2024)

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 : SP_2024_NA0010_128_2_20240212_00001.jpg



View of squirrel holes on the landside slope. (Fall 2021)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.02	Rating **	A	Issue No.	14
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202738°	37.202738°
				-120.754910°	-120.754910°
DWR ID	DWR_NA0010_11_s_2024_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_129_14_20240326_00028.jpg



View of the landside slope vegetation mangement. (Spring 2024)

LM Start	0.16	Rating **	A/W	Issue No.	10
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202730°	37.202730°
				-120.752270°	-120.752270°
DWR ID	DWR_NA0010_11_f_2018_10				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Damage has been repaired. Suggest monitoring for settlement.					

Photo 1 of 1 : SP_2024_NA0010_129_10_20240212_00002.jpg



View of livestock damage to the landside slope. (Fall 2021)

LM Start	0.21	Rating **	C	Issue No.	11
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202731°	37.202731°
				-120.751389°	-120.751389°
DWR ID	DWR_NA0010_11_f_2018_11				
Comment Code					
E4 : 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.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

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	Erosion / Livestock			37.202731°	37.202731°
				-120.751389°	-120.751389°
DWR ID	DWR_NA0010_11_s_2020_13				
Comment Code					
E4 : 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 : SP_2024_NA0010_129_13_20240212_00006.jpg



View of damage on waterside shoulder and slope. (Spring 2022)

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:73267 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 11.0 feet below the crown. Slide gate in a CMP riser unit on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.43). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.42). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 0.42)]. FS Date: 6/8/2021					

Photo 1 of 3 : UCIP_SP_2024_73267_100411.jpg



Levee crown looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.42	Rating **	M	Issue No.	18 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_73267_100408.jpg



LS view: Toe from crown.

LM Start	0.42	Rating **	M	Issue No.	18 (cont)
LM End	0.42	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_73267_100409.jpg



LS view: Slope and headwall at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.65	Rating **	M	Issue No.	19
LM End	0.65	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:73268 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.65). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.65). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 0.65)]. FS Date: 6/8/2021					

LM Start	0.65	Rating **	M	Issue No.	19 (cont)
LM End	0.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73268_100419.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_73268_100416.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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.65	Rating **	M	Issue No.	19 (cont)
LM End	0.65	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 3 of 3 : UCIP_SP_2024_73268_100417.jpg



LS view: Slope and headwall at toe.

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:73269
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.84). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 0.84)].
 FS Date: 6/8/2021

Photo 1 of 3 : UCIP_SP_2024_73269_100425.jpg



Levee crown looking downstream.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.84	Rating **	M	Issue No.	20 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_73269_100429.jpg



LS view: Toe from crown.

LM Start	0.84	Rating **	M	Issue No.	20 (cont)
LM End	0.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_73269_100423.jpg



LS view: Headwall and slope from toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.13	Rating **	M	Issue No.	21
LM End	1.13	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:73270 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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. 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 (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.13). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.13). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 1.13)]. FS Date: 6/8/2021					

LM Start	1.13	Rating **	M	Issue No.	21 (cont)
LM End	1.13	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73270_100436.jpg



LS view: Headwall and slope at toe.

Photo 2 of 2 : UCIP_SP_2024_73270_100433.jpg



WS view: Flapgate and slope from toe. Dense tumbleweeds at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

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	Erosion / Livestock			37.202748°	37.202748°
				-120.728182°	-120.728182°
DWR ID	DWR_NA0010_11_f_2017_9				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_129_9_20240212_00001.jpg



View of livestock trail on the landside slope. (Fall 2020)

LM Start	1.49	Rating **	M	Issue No.	22
LM End	1.49	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:73277 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) through the levee, 16.3 feet below the crown. Slide gate in a pipe riser unit on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002, (HLM 1.50). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.50). DWR As-Built Specification No. 59-01, Sheet No. 62, 10 December 1958, (HLM 1.50)]. FS Date: 6/8/2021					

Photo 1 of 1 : UCIP_SP_2024_73277_100440.jpg



LS view: Close up of pipe inlet with sediment buildup and warped edges at toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	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:73272 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.99). DWR As-Built Specification No. 59-01, Sheet No. 62, 10 December 1958, (HLM 1.99)]. FS Date: 6/8/2021						

LM Start	1.98	Rating **	M	Issue No.	23 (cont)
LM End	1.98	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73272_100446.jpg



LS view: Close up of pipe inlet at toe, covered by vegetation.

Photo 2 of 2 : UCIP_SP_2024_73272_100450.jpg



WS view: Close up of flapgate at toe, covered by vegetation.

* Location	** Rating	+ Issue Type
LS: Land Side 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	2.31	Rating **	C	Issue No.	17
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202730°	37.202730°
				-120.713368°	-120.713368°
DWR ID	DWR_NA0010_11_f_2019_17				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	2.46	Rating **	C	Issue No.	12
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202712°	37.202712°
				-120.710633°	-120.710633°
DWR ID	DWR_NA0010_11_f_2018_12				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

LM Start	2.52	Rating **	C	Issue No.	16
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.202738°	37.202738°
				-120.709455°	-120.709455°
DWR ID	DWR_NA0010_11_s_2022_16				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.04	Rating **	M	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:77932 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 15.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.04). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.04). DWR As-Built Specification No. 59-01, Sheet No. 63, 10 December 1958, (HLM 3.04)]. FS Date: 6/8/2021 11:31:05 AM						

Photo 1 of 2 : UCIP_SP_2024_77932_100451.jpg



LS view: Close up of pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.04	Rating **	M	Issue No.	24 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_77932_100455.jpg



WS view: Close up of flapgate at toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.32	Rating **	M	Issue No.	25	
LM End	3.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.202309°	37.202309°	
				-120.695350°	-120.695350°	
DWR ID	25542					
Comment Code						
Inspector Comment						
DS_ID:25542 FS_ID:79244 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/13/2023 Updated coordinates of the crossing to match HLM of Unit 11. Needs field verification. (O.Yakimov - DWR UCIP) 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) 09/23/2020 UCIP record brought online. Confirm location. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.32). DWR As-Built Specification No. 59-01, Sheet No. 63, 10 December 1958, (HLM 3.32)]. FS Date: 6/8/2021 3:55:26 PM						

LM Start	3.32	Rating **	M	Issue No.	25 (cont)
LM End	3.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_79244_100458.jpg



Levee crown on adjacent unit bisecting this one.

Photo 2 of 3 : UCIP_SP_2024_79244_100460.jpg



LS view: Slope from toe, no pipe visible.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.32	Rating **	M	Issue No.	25 (cont)
LM End	3.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202309°	37.202309°
				-120.695350°	-120.695350°
DWR ID	25542				

Photo 3 of 3 : UCIP_SP_2024_79244_100459.jpg



WS view: Slope from toe, no pipe visible.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	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:73304 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.39). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 0.39)]. FS Date: 6/8/2021					

LM Start	0.40	Rating **	M	Issue No.	15 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73304_100627.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_SP_2024_73304_100630.jpg



LS view: Toe from crown.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

LM Start	0.40	Rating **	M	Issue No.	15 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_73304_100625.jpg



LS view: Slope from toe.

LM Start	1.05	Rating **	M	Issue No.	12
LM End	1.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200910°	37.200910°
				-120.736271°	-120.736271°
DWR ID	DWR_NA0010_12_f_2022_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_130_12_20240212_00002.jpg



View of rodent burrows on the waterside slope. (Fall 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.06	Rating **	M	Issue No.	16
LM End	1.06	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:73305 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.06). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 1.06)]. FS Date: 6/8/2021					

LM Start	1.06	Rating **	M	Issue No.	16 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73305_100631.jpg



LS view: Slope and headwall at toe.

Photo 2 of 2 : UCIP_SP_2024_73305_100636.jpg



WS view: Close up of flapgate at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

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	Erosion / Livestock			37.200924°	37.200923°
				-120.735998°	-120.735747°
DWR ID	DWR_NA0010_12_f_2023_14				
Comment Code					
E4 : 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

LM Start	1.15	Rating **	C	Issue No.	10
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200935°	37.200935°
				-120.734471°	-120.734471°
DWR ID	DWR_NA0010_12_s_2022_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.27	Rating **	M	Issue No.	17	
LM End	1.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.200919°	37.200919°	
				-120.732234°	-120.732234°	
DWR ID	19857					
Comment Code						
Inspector Comment						
DS_ID:19857 FS_ID:73306 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.27). DWR As-Built Specification No. 59-01, Sheet No. 61, 10 December 1958, (HLM 1.27)]. FS Date: 6/8/2021						

LM Start	1.27	Rating **	M	Issue No.	17 (cont)
LM End	1.27	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73306_100638.jpg



LS view: Dense vegetation and barbed wire at the toe, no pipe visible.

Photo 2 of 2 : UCIP_SP_2024_73306_100641.jpg



WS view: Dense vegetation covering the water at the toe, no pipe visible.

* Location	** Rating	+ Issue Type
LS: Land Side 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

LM Start	1.53	Rating **	M	Issue No.	18
LM End	1.53	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:73307 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.53). DWR As-Built Specification No. 59-01, Sheet No. 62, 10 December 1958, (HLM 1.53)]. FS Date: 6/8/2021					

Photo 1 of 1 : UCIP_SP_2024_73307_100645.jpg



LS view: Headwall barely visible at toe due to dense vegetation.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	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:73308 EP_NO: N/A Repair Type: Non-Urgent EVAL 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.16). DWR As-Built Specification No. 59-01, Sheet No. 62, 10 December 1958, (HLM 2.16)]. FS Date: 6/8/2021						

LM Start	2.16	Rating **	M	Issue No.	19 (cont)
LM End	2.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73308_100655.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2024_73308_100659.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	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	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° -120.716118°	37.200908° -120.716118°
DWR ID	19859				

Photo 3 of 3 : UCIP_SP_2024_73308_100653.jpg



LS view: Slope from toe.

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° -120.706316°	37.200906° -120.706316°
DWR ID	19860				

Comment Code**Inspector Comment**

DS_ID:19860
FS_ID:73309
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, 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. 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 (CMP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.70). DWR As-Built Specification No. 59-01, Sheet No. 62, 10 December 1958, (HLM 2.70)].
FS Date: 6/8/2021

Photo 1 of 1 : UCIP_SP_2024_73309_100661.jpg



LS view: Close up of pipe inlet covered with vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	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:73310 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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. 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 (CMP) through the levee, 2.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 3.00). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 3.00). DWR As-Built Specification No. 59-01, Sheet No. 63, 10 December 1958, (HLM 3.00)]. FS Date: 6/8/2021					

Photo 1 of 1 : UCIP_SP_2024_73310_100669.jpg



LS view: Top of headwall visible at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	03/12/2024 03/12/2024	Corey Fujitani

LM Start	3.28	Rating **	A	Issue No.	8
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200967°	37.200967°
				-120.695688°	-120.695688°
DWR ID	DWR_NA0010_12_s_2024_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_130_8_20240326_00016.jpg



View of the landside slope looking downstream. (Spring 2024)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	03/14/2024 03/14/2024	Corey Fujitani

LM Start	0.01	Rating **	A/W	Issue No.	8
LM End	0.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.033833°	37.033833°
				-120.442061°	-120.442061°
DWR ID	DWR_NA0010_13_f_2022_8				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion is approximately 90 ft from toe. At the worst point there is a 20 ft vertical wall of erosion. LMA reports erosion is being caused by subsidence in the area.					

No Photos

LM Start	0.03	Rating **	A	Issue No.	3
LM End	0.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.034164°	37.034164°
				-120.441956°	-120.441956°
DWR ID	DWR_NA0010_13_s_2024_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_131_3_20240327_00012.jpg



View of the vegetation management on the landside slope. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	13	
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:73336 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (CMP) through the levee, 12.3 feet below the crown. Slide gate in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.14). DWR As-Built Specification No. 64-01, Sheet No. 13, 6 November 1963, (HLM 1.14)]. FS Date: 6/23/2021 1:08:00 PM						

LM Start	1.14	Rating **	M	Issue No.	13 (cont)
LM End	1.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73336_103411.jpg



View of levee crown.

Photo 2 of 3 : UCIP_SP_2024_73336_103418.jpg



LS view: concrete inlet pipe on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	13 (cont)
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				

Photo 3 of 3 : UCIP_SP_2024_73336_103419.jpg



LS view: close up of concrete inlet pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.14	Rating **	M	Issue No.	14
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:73337 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 09/18/2023 Pipe was CIPP lined. DMP internal video inspection has found none or minor pipe defects. Recommend next video inspection in 5 years. (O. Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 12.3 feet below the crown. Slide gate in a 48-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.14). DWR As-Built Specification No. 64-01, Sheet No. 13, 6 November 1963, (HLM 1.14)]. FS Date: 6/23/2021 2:23:00 PM					

Photo 1 of 1 : UCIP_SP_2024_73337_103428.jpg



WS view: close up of CMP riser.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.21	Rating **	M	Issue No.	7
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.046142°	37.046229°
				-120.428848°	-120.428448°
DWR ID	DWR_NA0010_13_f_2022_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_131_7_20240212_00004.jpg



Several rodent burrows observed in this section. (Fall 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	03/14/2024 03/14/2024	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 : SP_2024_NA0010_132_5_20240212_00002.jpg



Looking at the landside slope.

LM Start	0.33	Rating **	A	Issue No.	6
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.036822°	37.036822°
				-120.439381°	-120.439381°
DWR ID	DWR_NA0010_14_s_2024_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_132_6_20240327_00006.jpg



View of vegetation on the waterside slope. (Spring 2024)

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 but the integrity of the levee is not compromised. Continue to monitor.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	03/14/2024 03/14/2024	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 : SP_2024_NA0010_132_79_20240212_00003.jpg



View of rodent burrows on the landside slope. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.26	Rating **	M	Issue No.	81	
LM End	1.26	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.045383°	37.045383°	
				-120.427754°	-120.427754°	
DWR ID	19910					
Comment Code						
Inspector Comment						
DS_ID:19910 FS_ID:77924 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 12/20/2022 Record updated from Urgent to Non-Urgent. Pipe has been CIPP lined. LOF of crossing is less or equal to 4. Recommend next video inspection in 5 years. (O.Yakimov - DWR UCIP) 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 CIPP-lined corrugated metal gravity drainage pipe (CMP) through the levee, 9.0 feet below the crown. Slide gate in a 42-inch CMP riser unit 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.26). DWR As-Built Specification No. 64-01, Sheet No. 13, 6 November 1963, (HLM 1.26)]. FS Date: 6/23/2021 10:53:01 AM						

Photo 1 of 1 : UCIP_SP_2024_77924_103812.jpg



WS view: close up of CMP riser on slope.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	03/14/2024 03/14/2024	Corey Fujitani

LM Start	0.48	Rating **	M	Issue No.	9	
LM End	0.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.996551°	36.996551°	
				-120.401737°	-120.401737°	
DWR ID	19911					
Comment Code						
Inspector Comment						
DS_ID:19911 FS_ID:73365 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.48). DWR As-Built Specification No. 64-42, Sheet No. 23, 13 August 1964, (HLM 0.48)]. FS Date: 6/24/2021 2:52:00 PM						

Photo 1 of 1 : UCIP_SP_2024_73365_103819.jpg



LS view: concrete wall and entrance to pipe from toe. View of slope in background.

LM Start	0.73	Rating **	M	Issue No.	7
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996539°	36.996587°
				-120.397320°	-120.374053°
DWR ID	DWR_NA0010_15_s_2024_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_133_7_20240327_00007.jpg



View of vegetation on the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	03/14/2024 03/14/2024	Corey Fujitani

LM Start	0.95	Rating **	M	Issue No.	6
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996555°	36.996555°
				-120.393195°	-120.393195°
DWR ID	DWR_NA0010_15_s_2022_6				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Burrows on both landside and waterside slopes.					

Photo 1 of 1 : SP_2024_NA0010_133_6_20240212_00002.jpg



View of rodent holes in the waterside slope. (Fall 2022)

LM Start	0.96	Rating **	M	Issue No.	4
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996557°	36.996557°
				-120.393095°	-120.393095°
DWR ID	DWR_NA0010_15_f_2022_4				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_133_4_20240212_00001.jpg



View of rodent holes on the landside slope. (Fall 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	10	
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:73366 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.01). DWR As-Built Specification No. 64-42, Sheet No. 23, 13 August 1964, (HLM 1.01)]. FS Date: 6/24/2021 3:18:00 PM						

Photo 1 of 1 : UCIP_SP_2024_73366_103825.jpg



LS view: concrete headwall on toe.

LM Start	1.52	Rating **	M	Issue No.	8
LM End	2.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996571°	36.996584°
				-120.382916°	-120.374059°
DWR ID	DWR_NA0010_15_s_2024_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_133_8_20240327_00008.jpg



Looking upstream along the waterside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.53	Rating **	M	Issue No.	11	
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:73367 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.53). DWR As-Built Specification No. 64-42, Sheet No. 24, 13 August 1964, (HLM 1.53)]. FS Date: 6/24/2021 3:47:00 PM						

LM Start	1.53	Rating **	M	Issue No.	11 (cont)
LM End	1.53	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73367_103831.jpg



LS view: concrete headwall from toe.

Photo 2 of 2 : UCIP_SP_2024_73367_103833.jpg



WS view: closeup of flapgate.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	03/14/2024 03/14/2024	Corey Fujitani

LM Start	0.22	Rating **	M	Issue No.	7
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995421°	36.995421°
				-120.404956°	-120.404956°
DWR ID	DWR_NA0010_16_f _ 2022_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_134_7_20240212_00003.jpg



Animal burrows on the landside slope. (Fall 2022)

LM Start	0.30	Rating **	U	Issue No.	10
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995433°	36.995433°
				-120.403543°	-120.403543°
DWR ID	DWR_NA0010_16_s_2022_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Burrow is approximately 18-inches across.					

Photo 1 of 1 : SP_2024_NA0010_134_10_20240212_00004.jpg



Large animal burrow on the landside slope. (Spring 2022)

LM Start	0.76	Rating **	M	Issue No.	3
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995425°	36.995482°
				-120.395245°	-120.373795°
DWR ID	DWR_NA0010_16_s_2024_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_134_3_20240327_00009.jpg



View of vegetation on the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	03/14/2024 03/14/2024	Corey Fujitani

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 : SP_2024_NA0010_134_92_20240212_00006.jpg



Looking at several rodent holes on landward slope. (Spring 2022)

LM Start	1.27	Rating **	M	Issue No.	5
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995461°	36.995461°
				-120.386068°	-120.386068°
DWR ID	DWR_NA0010_16_f_2023_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 : SP_2024_NA0010_134_5_20240212_00002.jpg



Multiple rodent burrows in the landside slope. (Fall 2023)

LM Start	1.41	Rating **	U	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_s_2022_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_134_12_20240212_00005.jpg



Large rodent holes in the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.42	Rating **	M	Issue No.	6
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995453°	36.995477°
				-120.383334°	-120.373797°
DWR ID	DWR_NA0010_16_s_2024_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_134_6_20240327_00010.jpg



Looking downstream along the waterside slope. (Spring 2024)

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:73370 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 1.46). DWR As-Built Specification No. 64-42, Sheet No. 24, 13 August 1964, (HLM 1.46)]. FS Date: 6/24/2021 11:09:00 AM						

Photo 1 of 2 : UCIP_SP_2024_73370_103851.jpg



LS view: Slope and concrete headwall at inlet, covered by heavy vegetation.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	03/14/2024 03/14/2024	Corey Fujitani

LM Start	1.44	Rating **	M	Issue No.	93 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_73370_103849.jpg



WS view: Slope, flapgate, and concrete headwall at toe.

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

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 : SP_2024_NA0010_134_2_20240212_00001.jpg



Looking southwest at several rodent holes on landward slope.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	2.57	Rating **	M	Issue No.	27	
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:73434 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 2.58). DWR As-Built Specification No. 64-42, Sheet No. 13, 13 August 1964, (HLM 2.58)]. FS Date: 7/19/2021						

Photo 1 of 1 : UCIP_SP_2024_73434_102398.jpg



LS view: Tumbleweeds blocking pipe inlet at toe.

LM Start	2.88	Rating **	M	Issue No.	21
LM End	2.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.948301°	36.948301°
				-120.346357°	-120.346357°
DWR ID	DWR_NA0010_17_f_2022_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Depression in the landside slope appears to be caused by collapsed rodent burrows. Recommend backfilling and compacting.					

Photo 1 of 1 : SP_2024_NA0010_135_21_20240212_00010.jpg



Representative animal burrow on the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	5.75	Rating **	A/W	Issue No.	8
LM End	5.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.908605°	36.906507°
				-120.331112°	-120.330353°
DWR ID	DWR_NA0010_17_s_2012_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes are noted on the landside slope and toe.					

Photo 1 of 1 : SP_2024_NA0010_135_8_20240212_00004.jpg



Looking at several rodent holes on landside slope. (Spring 2022)

LM Start	5.92	Rating **	U	Issue No.	17
LM End	5.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.906162°	36.906162°
				-120.330258°	-120.330258°
DWR ID	DWR_NA0010_17_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 : SP_2024_NA0010_135_17_20240212_00007.jpg



View of rodent damage to the landside slope. (Fall 2021)

LM Start	6.60	Rating **	A/W	Issue No.	4
LM End	6.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.896968°	36.894147°
				-120.326126°	-120.324763°
DWR ID	DWR_NA0010_17_s_2012_4				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes are identified within this reach.					

Photo 1 of 1 : SP_2024_NA0010_135_4_20240212_00002.jpg



View of rodent holes on the landside slope. (Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	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 : SP_2024_NA0010_135_5_20240212_00003.jpg



Looking at typical view of rodent holes on landward slope. (Fall 2022)

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 : SP_2024_NA0010_135_18_20240212_00008.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 : SP_2024_NA0010_135_24_20240212_00011.jpg



Looking east at the landside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	8.37	Rating **	M	Issue No.	29	
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:73437						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, Maintenance Compliance Issue						
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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.38). DWR As-Built Specification No. 64-42, Sheet No. 17, 13 August 1964, (HLM 8.38)].						
FS Date: 7/19/2021						

Photo 1 of 1 : UCIP_SP_2024_73437_102420.jpg



LS view: Closeup of pipe inlet at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	9.88	Rating **	M	Issue No.	30	
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					
Comment Code						
Inspector Comment						
DS_ID:19917 FS_ID:73439 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) through the levee, 15.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 9.89). DWR As-Built Specification No. 64-42, Sheet No. 18, 13 August 1964, (HLM 9.89)]. FS Date: 7/19/2021						

Photo 1 of 1 : UCIP_SP_2024_73439_102427.jpg



LS view: Closeup of inlet at toe covered by tumbleweeds.

LM Start	9.92	Rating **	M	Issue No.	15
LM End	9.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.850063°	36.850063°
				-120.314122°	-120.314122°
DWR ID	DWR_NA0010_17_f_2023_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_135_15_20240212_00005.jpg



Multiple rodent holes observed in the landside slope. (Fall 2023)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	11.10	Rating **	M	Issue No.	16
LM End	11.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.836100°	36.836100°
				-120.304535°	-120.304535°
DWR ID	DWR_NA0010_17_s_2024_16				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_135_16_20240212_00006.jpg



Vehicle damage to the landside slope and shoulder. (Fall 2023)

LM Start	12.10	Rating **	U	Issue No.	26
LM End	12.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.823794°	36.823794°
				-120.299278°	-120.299278°
DWR ID	DWR_NA0010_17_f_2022_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_135_26_20240212_00012.jpg



Large animal burrow in the landside slope. (Fall 2022)

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_2022_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 : SP_2024_NA0010_135_19_20240212_00009.jpg



View of rodent burrows on the landside slope. (Fall 2020)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

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 : SP_2024_NA0010_135_3_20240212_00001.jpg



View of multiple rodent holes in the landside slope. (Spring 2021)

LM Start	13.29	Rating **	M	Issue No.	31	
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:73440 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 13.30). DWR As-Built Specification No. 64-42, Sheet No. 21, 13 August 1964, (HLM 13.30)]. FS Date: 7/19/2021						

Photo 1 of 2 : UCIP_SP_2024_73440_102440.jpg



LS view: Headwall and slope from toe.

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	13.29	Rating **	M	Issue No.	31 (cont)
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				

Photo 2 of 2 : UCIP_SP_2024_73440_102437.jpg



WS view: Headwall, flapgate, and slope from toe.

LM Start	13.64	Rating **	M	Issue No.	12
LM End	13.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.802650°	36.802650°
				-120.306999°	-120.306999°
DWR ID	DWR_NA0010_17_s_2024_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_135_12_20240327_00023.jpg



Representative view of rodent holes on the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

LM Start	14.69	Rating **	U	Issue No.	32	
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:77872 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (RCBC) through the levee, 14.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 14.69). DWR As-Built Specification No. 64-42, Sheet No. 22, 13 August 1964, (HLM 14.69)]. FS Date: 7/19/2021 2:07:23 PM						

LM Start	14.69	Rating **	U	Issue No.	32 (cont)
LM End	14.69	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_77872_102476.jpg



LS view: Headwall barely visible at toe due to dense vegetation.

Photo 2 of 2 : UCIP_SP_2024_77872_102473.jpg



WS view: Closeup of flapgate at toe.

* 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	03/19/2024 03/19/2024	Corey Fujitani

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_137_55_20240212_00014.jpg



View of rodent holes from levee toe looking towards centerline. (Fall 2018)

LM Start	2.25	Rating **	A/W	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 : SP_2024_NA0010_137_8_20240212_00001.jpg



Looking at large rodent hole on landward slope.

LM Start	3.34	Rating **	M	Issue No.	32
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.930419°	36.930419°
				-120.341433°	-120.341433°
DWR ID	DWR_NA0010_18_f_2023_32				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_137_32_20240212_00009.jpg



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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_137_31_20240212_00008.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

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 : SP_2024_NA0010_137_47_20240212_00013.jpg



Large rodent burrow in the landside slope. (Spring 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

LM Start	3.93	Rating **	U	Issue No.	44
LM End	3.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.922195°	36.921549°
				-120.338412°	-120.338173°
DWR ID	DWR_NA0010_18_f_2022_44				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several rodent burrows observed in the landside slope and berm.					

Photo 1 of 1 : SP_2024_NA0010_137_44_20240212_00012.jpg



Several rodent holes noted in this section. (Fall 2022)

LM Start	4.33	Rating **	M	Issue No.	20
LM End	4.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.916685°	36.916061°
				-120.336388°	-120.336164°
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

LM Start	4.58	Rating **	U	Issue No.	43
LM End	4.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.913142°	36.913142°
				-120.335093°	-120.335093°
DWR ID	DWR_NA0010_18_f_2022_43				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large hole at the landside toe of the levee.					

Photo 1 of 1 : SP_2024_NA0010_137_43_20240212_00011.jpg



Large animal hole on the landside toe. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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

LM Start	5.23	Rating **	M	Issue No.	25
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.904207°	36.901973°
				-120.331835°	-120.330949°
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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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

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 : SP_2024_NA0010_137_15_20240212_00004.jpg



Several rodent holes noted in the landside slope. (Fall 2022)

LM Start	6.08	Rating **	M	Issue No.	40
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.892677°	36.892677°
				-120.326405°	-120.326405°
DWR ID	DWR_NA0010_18_f_2022_40				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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	6.29	Rating **	M	Issue No.	39
LM End	6.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.889791°	36.887446°
				-120.324977°	-120.323832°
DWR ID	DWR_NA0010_18_f_2022_39				
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 **	A/W	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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

LM Start	6.62	Rating **	U	Issue No.	38
LM End	6.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.885376°	36.884648°
				-120.322820°	-120.322466°
DWR ID	DWR_NA0010_18_f_2022_38				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_137_38_20240212_00010.jpg



Several rodent holes observed in this section. (Fall 2022)

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 : SP_2024_NA0010_137_23_20240212_00007.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 : SP_2024_NA0010_137_14_20240212_00003.jpg



View of rodent burrows in the landside slope. (Spring 2020)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

LM Start	7.91	Rating **	U	Issue No.	21
LM End	7.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.867030°	36.866092°
				-120.318361°	-120.318180°
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 : SP_2024_NA0010_137_21_20240212_00006.jpg



Several rodent burrows observed at the landside toe. (Fall 2019)

LM Start	8.31	Rating **	M	Issue No.	11
LM End	8.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.861354°	36.853089°
				-120.317291°	-120.316474°
DWR ID	DWR_NA0010_18_s_2024_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	8.31	Rating **	M	Issue No.	10
LM End	8.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.861354°	36.851803°
				-120.317290°	-120.316433°
DWR ID	DWR_NA0010_18_s_2024_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_137_10_20240327_00019.jpg



View of vegetation on the landside slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_137_13_20240212_00002.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 : SP_2024_NA0010_137_18_20240212_00005.jpg



Large rodent holes in the landside slope. (Fall 2020)

LM Start	10.49	Rating **	M	Issue No.	7
LM End	10.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.833491°	36.833491°
				-120.304470°	-120.304470°
DWR ID	DWR_NA0010_18_s_2024_7				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Large burrow observed at the landside toe.					

Photo 1 of 1 : SP_2024_NA0010_137_7_20240327_00020.jpg



Large rodent hole observed at the landside toe. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	03/20/2024 03/20/2024	Corey Fujitani

LM Start	10.95	Rating **	A/W	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 **	A/W	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					

No Photos

LM Start	13.38	Rating **	A/W	Issue No.	33
LM End	13.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.794449°	36.794449°
				-120.307638°	-120.307638°
DWR ID	DWR_NA0010_18_f_2022_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	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:73507 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, 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 (CMP) through the levee, 14.8 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002, (HLM 0.10). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.10). DWR As-Built Specification No. 63-25, Sheet No. 15, 9 May 1963, (HLM 0.10)]. FS Date: 6/9/2021 12:38:00 PM						

LM Start	0.10	Rating **	M	Issue No.	38 (cont)
LM End	0.10	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73507_103856.jpg



LS view: Toe from crown, dense vegetation.

Photo 2 of 2 : UCIP_SP_2024_73507_103855.jpg



WS view: close up of CMP riser on slope.

* 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

LM Start	1.04	Rating **	C	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_s_2024_22				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

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					
Rodent holes observed near the livestock pen on the landside toe.					

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	Erosion / Livestock			37.237050°	37.238776°
				-120.704393°	-120.705028°
DWR ID	DWR_NA0010_22A_f_2018_29				
Comment Code					
E4 : 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 : SP_2024_NA0010_138_29_20240212_00016.jpg



View of damage to the waterside slope looking downstream. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

LM Start	2.65	Rating **	U	Issue No.	1
LM End	2.66	Issue Type +	Ma	Location *	WS
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					
8/10/2023: From 2020 to present, no significant changes were observed during the annual survey.					
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.					

Photo 1 of 1 : SP_2024_NA0010_138_1_20240212_00001.jpg



8/10/2023: View of the erosion with fill and concrete looking downstream.

LM Start	2.82	Rating **	U	Issue No.	2
LM End	2.83	Issue Type +	Ma	Location *	WS
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					
8/10/2023: From 2019 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.					

Photo 1 of 1 : SP_2024_NA0010_138_2_20240212_00002.jpg



8/10/2023: View of the erosion looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

LM Start	2.87	Rating **	A/W	Issue No.	26
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.245536°	37.245536°
				-120.708119°	-120.708119°
DWR ID	DWR_NA0010_22A_f_2023_26				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Site ID: NA0010U22RM3.65					
10/30/23: Issue transferred from Erosion Survey and will continue to be monitored.					
08/03/2022: From 2021 to present, no significant changes were observed during the annual survey.					
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.					

Photo 1 of 1 : SP_2024_NA0010_138_26_20240212_00014.jpg



View of erosion on the waterside slope. (Fall 2023)

LM Start	2.94	Rating **	M	Issue No.	32
LM End	2.94	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.246217°	37.246217°
				-120.708970°	-120.708970°
DWR ID	DWR_NA0010_22A_f_2023_32				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_32_20240327_00029.jpg



View of rutting in the levee crown. (Spring 2024)

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown		** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain		+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

LM Start	2.96	Rating **	A/W	Issue No.	4
LM End	2.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.246408°	37.246408°
				-120.709197°	-120.709197°
DWR ID	DWR_NA0010_22A_f_2023_4				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Site ID: NA0010U22RM3.56					
10/30/23: Issue transferred from Erosion Survey and will continue to be monitored.					
08/03/2022: From 2021 to present, no significant changes were observed during the annual survey.					
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.					

Photo 1 of 1 : SP_2024_NA0010_138_4_20240212_00004.jpg



View of erosion site on the waterside slope. (Fall 2023)

LM Start	3.38	Rating **	M	Issue No.	30
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.250687°	37.250687°
				-120.714559°	-120.714559°
DWR ID	DWR_NA0010_22A_f _ 2022_30				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_30_20240212_00017.jpg



View of rodent holes in the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	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	Erosion / Livestock			37.251370°	37.251370°
				-120.715344°	-120.715344°
DWR ID	DWR_NA0010_22A_f_2018_34				
Comment Code					
E4 : 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 : SP_2024_NA0010_138_34_20240212_00019.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	3.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.251621°	37.251978°
				-120.715649°	-120.716143°
DWR ID	DWR_NA0010_22A_f_2018_35				
Comment Code					
E4 : 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 : SP_2024_NA0010_138_35_20240212_00020.jpg



Fill and concrete placed on the waterside slope. Rebar should be removed for safety. (Fall 2021)

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	Erosion / Livestock			37.253362°	37.253862°
				-120.717873°	-120.718507°
DWR ID	DWR_NA0010_22A_f_2016_9				
Comment Code					
E4 : 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. Continue to monitor.					

Photo 1 of 1 : SP_2024_NA0010_138_9_20240212_00007.jpg



View of waterside slope looking upstream. (Spring 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

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	3.82	Rating **	M	Issue No.	14
LM End	3.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.255239°	37.255239°
				-120.720142°	-120.720142°
DWR ID	DWR_NA0010_22A_f_2017_14				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Broken concrete previously placed to stabilize the slope has washed out.					

Photo 1 of 1 : SP_2024_NA0010_138_14_20240212_00008.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	Erosion / Livestock			37.258353°	37.258353°
				-120.723824°	-120.723824°
DWR ID	DWR_NA0010_22A_f_2019_15				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_15_20240327_00030.jpg



View of erosion in the landside slope and shoulder from livestock traffic. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

LM Start	4.13	Rating **	M	Issue No.	17
LM End	4.13	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.258490°	37.258490°
				-120.724015°	-120.724015°
DWR ID	DWR_NA0010_22A_s_2024_17				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_17_20240327_00031.jpg



View of rutting in the levee crown. (Spring 2024)

LM Start	4.21	Rating **	U	Issue No.	31
LM End	4.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			37.259370°	37.259370°
				-120.725012°	-120.725012°
DWR ID	DWR_NA0010_22A_f_2023_31				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_31_20240212_00018.jpg



View of levee waterside slope erosion looking downstream. (Fall 2023)

LM Start	4.26	Rating **	U	Issue No.	3
LM End	4.30	Issue Type +	Ma	Location *	WS
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					
8/10/2023: From 2019 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 1 : SP_2024_NA0010_138_3_20240212_00003.jpg



8/10/2023: View of the erosion looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

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 / Livestock			37.260111°	37.268135°
				-120.725900°	-120.737130°
DWR ID	DWR_NA0010_22A_f_2018_37				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Erosion is cutting into the waterside slope. Some sections have been stabilized with cobble stone and broken concrete.					

Photo 1 of 1 : SP_2024_NA0010_138_37_20240212_00021.jpg



View of waterside slope damage looking upstream. (Fall 2020)

LM Start	4.36	Rating **	M	Issue No.	8
LM End	4.36	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.260919°	37.260919°
				-120.726838°	-120.726838°
DWR ID	DWR_NA0010_22A_f_2023_8				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_138_8_20240212_00006.jpg



View of rutting in the levee crown. (Fall 2023)

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 : SP_2024_NA0010_138_21_20240212_00011.jpg



View of displaced earth and rodent holes in the landside slope. (Fall 2021)

* 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	03/11/2024 03/11/2024	Corey Fujitani

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	Erosion / Livestock			37.268236°	37.272262°
				-120.737210°	-120.741778°
DWR ID	DWR_NA0010_22A_s_2022_6				
Comment Code					
E4 : 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 : SP_2024_NA0010_138_6_20240212_00005.jpg



Looking southeast at livestock erosion on waterward toe. (Fall 2020)

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					
Rodent burrows observed on the landside turnout slope.					

Photo 1 of 1 : SP_2024_NA0010_138_20_20240212_00010.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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	0.21	Rating **	U	Issue No.	66	
LM End	0.21	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:77877 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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 (RCBC) through the levee, 13.0 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. (Construction of a new discharge structure and rehabilitation of an 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 0.21). DWR As-Built Specification No. 65-30, Sheet No. 7, 27 April 1965, (HLM 0.21), listed as 2'- 6" x 2'- 6" drainage structure]. FS Date: 7/19/2021 3:07:37 PM						

Photo 1 of 1 : UCIP_SP_2024_77877_102579.jpg



LS view: Closeup of pipe inlet at toe covered with vegetation.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	1.00	Rating **	M	Issue No.	40
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.772875°	36.772875°
				-120.268436°	-120.268436°
DWR ID	DWR_NA0010_23_s_2022_40				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_40_20240212_00007.jpg



Damage from vehicle traffic to the waterside slope. (Spring 2022)

LM Start	1.21	Rating **	A/W	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	2.24	Rating **	A/W	Issue No.	43
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.775659°	36.775659°
				-120.249645°	-120.249645°
DWR ID	DWR_NA0010_23_f_2022_43				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_43_20240212_00009.jpg



Large animal hole in the landside slope. (Fall 2022)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	2.36	Rating **	A/W	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 **	A/W	Issue No.	37
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.774528°	36.774528°
				-120.247068°	-120.247068°
DWR ID	DWR_NA0010_23_s_2018_37				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.84	Rating **	M	Issue No.	22
LM End	2.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.771568°	36.771568°
				-120.240941°	-120.240941°
DWR ID	DWR_NA0010_23_s_2024_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 : SP_2024_NA0010_139_22_20240327_00036.jpg



View of multiple rodent burrows on the landside slope. (Spring 2024)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	2.85	Rating **	A/W	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.					

No Photos

LM Start	3.30	Rating **	A/W	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.					

No Photos

LM Start	3.30	Rating **	M	Issue No.	26
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.774485°	36.774485°
				-120.234717°	-120.234717°
DWR ID	DWR_NA0010_23_s_2024_26				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes observed on the landside slope and toe.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	3.45	Rating **	A/W	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

LM Start	3.45	Rating **	M	Issue No.	45
LM End	3.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.776591°	36.776591°
				-120.234607°	-120.234607°
DWR ID	DWR_NA0010_23_f_2022_45				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.13	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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	4.13	Rating **	A/W	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.					

No Photos

LM Start	4.34	Rating **	M	Issue No.	27
LM End	4.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.783871°	36.783871°
				-120.225046°	-120.225046°
DWR ID	DWR_NA0010_23_s_2024_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_27_20240327_00037.jpg



Multiple rodent holes observed at this section. (Spring 2024)

LM Start	4.45	Rating **	M	Issue No.	28
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784540°	36.784540°
				-120.223336°	-120.223336°
DWR ID	DWR_NA0010_23_s_2024_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	4.45	Rating **	A/W	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	5.21	Rating **	U	Issue No.	50
LM End	5.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.791383°	36.791383°
				-120.214560°	-120.214560°
DWR ID	DWR_NA0010_23_f_2022_50				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_50_20240212_00014.jpg



Multiple large animal burrows on the landside slope. (Fall 2022)

LM Start	5.45	Rating **	U	Issue No.	44
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.791818°	36.791818°
				-120.210281°	-120.210281°
DWR ID	DWR_NA0010_23_f_2023_44				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_44_20240212_00010.jpg



Several large rodent holes observed in the landside toe. (Fall 2023)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

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 : SP_2024_NA0010_139_5_20240212_00001.jpg



Looking at several rodent holes on landside slope.

LM Start	5.68	Rating **	M	Issue No.	70	
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:73582 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, 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 (RCBC) through the levee, 9.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 5.71). DWR As-Built Specification No. 65-30, Sheet No. 13, 27 April 1965, (HLM 5.71)]. FS Date: 7/19/2021						

Photo 1 of 1 : UCIP_SP_2024_73582_102645.jpg



LS view: Closeup of pipe inlet at toe with sediment and tumbleweed buildup.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	6.10	Rating **	U	Issue No.	51
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.788806°	36.788806°
				-120.200824°	-120.200824°
DWR ID	DWR_NA0010_23_f_2022_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 : SP_2024_NA0010_139_51_20240212_00015.jpg



View of rodent burrow underneath vegetation growth on the landside slope. (Fall 2022)

LM Start	6.62	Rating **	A/W	Issue No.	48
LM End	6.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.781585°	36.780866°
				-120.199345°	-120.198009°
DWR ID	DWR_NA0010_23_f_2023_48				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_48_20240212_00012.jpg



View of revetment placed on the waterside slope. (Fall 2023)

LM Start	6.85	Rating **	A/W	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 : SP_2024_NA0010_139_24_20240212_00003.jpg



Several rodent holes noted at this location. (Fall 2020)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	7.52	Rating **	M	Issue No.	46
LM End	7.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.781983°	36.784231°
				-120.186095°	-120.184096°
DWR ID	DWR_NA0010_23_f_2021_46				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several burrows in the landside slope.					

Photo 1 of 1 : SP_2024_NA0010_139_46_20240212_00011.jpg



View of several rodent burrows in the landside slope. (Fall 2021)

LM Start	8.06	Rating **	A/W	Issue No.	49
LM End	8.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.788957°	36.789846°
				-120.182361°	-120.182235°
DWR ID	DWR_NA0010_23_f_2023_49				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_139_49_20240212_00013.jpg



View of rock slope protection placed on the waterside berm. (Fall 2023)

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	8.32	Rating **	U	Issue No.	72
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					
<p>DS_ID:19940 FS_ID:77875 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 07/19/2021 The record remains Non-Urgent. LS pipe inlet almost completely 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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.33). DWR As-Built Specification No. 65-30, Sheet No. 15, 27 April 1965, (HLM 8.33)]. FS Date: 7/19/2021 3:06:54 PM</p>					

Photo 1 of 3 : UCIP_SP_2024_77875_102672.jpg



LS view: Closeup of pipe inlet blocked by sediment.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	8.32	Rating **	U	Issue No.	72 (cont)
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				

Photo 2 of 3 : UCIP_SP_2024_77875_102673.jpg



WS view: Minor erosion along the side of the headwall at toe.

LM Start	8.32	Rating **	U	Issue No.	72 (cont)
LM End	8.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2024_77875_102668.jpg



WS view: Burrow holes and erosion along the side of the headwall from toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	8.52	Rating **	U	Issue No.	73	
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					
Comment Code						
Inspector Comment						
<p>DS_ID:19941 FS_ID:77876 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 12/14/2022 Record updated from Non-Urgent to Urgent. DMP internal video 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. (O.Yakimov - DWR UCIP) 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)</p> <p>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 (RCBC) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.54). DWR As-Built Specification No. 65-30, Sheet No. 15, 27 April 1965, (HLM 8.54)]. FS Date: 7/19/2021 3:07:17 PM</p>						

Photo 1 of 2 : UCIP_SP_2024_77876_102681.jpg



LS view: Burrow holes above headwall.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	8.52	Rating **	U	Issue No.	73 (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 2 : UCIP_SP_2024_77876_102675.jpg



LS view: Closeup of pipe inlet at toe with sediment buildup.

LM Start	8.55	Rating **	M	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 : SP_2024_NA0010_139_29_20240212_00005.jpg



Several rodent holes observed along this section of the landside slope. (Fall 2020)

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 : SP_2024_NA0010_139_25_20240212_00004.jpg



Several rodent holes observed on the waterside slope in this section. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

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

LM Start	9.20	Rating **	A/W	Issue No.	52
LM End	9.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.802603°	36.803614°
				-120.173591°	-120.172866°
DWR ID	DWR_NA0010_23_f_2023_52				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

No Photos

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 : SP_2024_NA0010_139_65_20240212_00019.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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	03/19/2024 03/19/2024	Corey Fujitani

LM Start	9.76	Rating **	C	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					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	9.78	Rating **	C	Issue No.	60
LM End	9.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.808113°	36.808529°
				-120.168834°	-120.168833°
DWR ID	DWR_NA0010_23_f_2022_60				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_140_6_20240212_00001.jpg



Rodent burrows in the landside slope. (Spring 2020)

LM Start	1.75	Rating **	A/W	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

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown		** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable		N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain		+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	2.77	Rating **	A/W	Issue No.	39
LM End	2.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.772289°	36.772289°
				-120.249693°	-120.249693°
DWR ID	DWR_NA0010_24_f_2021_39				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_140_39_20240212_00014.jpg



View of the vehicle traffic on the landside slope. (Fall 2021)

LM Start	2.79	Rating **	A/W	Issue No.	17
LM End	2.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.772501°	36.771801°
				-120.249368°	-120.248057°
DWR ID	DWR_NA0010_24_s_2024_17				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_140_17_20240327_00028.jpg



View of revetment placed on the waterside slope and berm. (Spring 2024)

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 : SP_2024_NA0010_140_51_20240212_00016.jpg



View of rodent holes in landside slope. (Spring 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 : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_140_7_20240212_00002.jpg



Looking east at one of several rodent holes on landward slope.

LM Start	3.53	Rating **	U	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 : SP_2024_NA0010_140_28_20240212_00010.jpg



View of rodent burrows in the landside slope. (Fall 2022)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	3.84	Rating **	A/W	Issue No.	37
LM End	3.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			36.768024°	36.768024°
				-120.231896°	-120.231896°
DWR ID	DWR_NA0010_24_f_2022_37				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_140_37_20240212_00013.jpg



View of the vehicle paths on the landside slope. (Fall 2022)

LM Start	4.01	Rating **	M	Issue No.	33
LM End	4.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.768686°	36.768686°
				-120.229036°	-120.229036°
DWR ID	DWR_NA0010_24_f_2023_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_140_33_20240212_00012.jpg



View of rodent burrows on the landside slope. (Fall 2023)

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 : SP_2024_NA0010_140_20_20240327_00029.jpg



View of rodent holes at the landside toe. (Spring 2024)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	5.99	Rating **	A/W	Issue No.	32
LM End	6.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.787422°	36.787874°
				-120.215689°	-120.213838°
DWR ID	DWR_NA0010_24_f_2023_32				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

Photo 1 of 1 : SP_2024_NA0010_140_32_20240212_00011.jpg



View of revetment placed on the waterside berm. (Fall 2023)

LM Start	6.09	Rating **	M	Issue No.	53	
LM End	6.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.787864°	36.787864°	
				-120.213912°	-120.213912°	
DWR ID	19956					
Comment Code						
Inspector Comment						
DS_ID:19956						
FS_ID:73634						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, Maintenance Compliance Issue						
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 has						
been identified authorizing pipe. 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						
(CMP) through the levee, 5.0 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). DWR As-Built Drawing No. 65-30,						
27 April 1965, Sheet 12, STA 331+25].						
FS Date: 7/20/2021						

Photo 1 of 1 : UCIP_SP_2024_73634_102808.jpg



LS view: Closeup of pipe inlet at toe covered by vegetation.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	6.73	Rating **	M	Issue No.	54
LM End	6.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.786632°	36.786632°
				-120.204733°	-120.204733°
DWR ID	19957				
Comment Code					
Inspector Comment					
DS_ID:19957 FS_ID:73635 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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. 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 (CMP) 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). DWR As-Built Drawing No. 65-30, 27 April 1965, Sheet 13, STA 364+00]. FS Date: 7/20/2021					

Photo 1 of 1 : UCIP_SP_2024_73635_102814.jpg



LS view: Closeup of pipe inlet at toe with vegetation overgrowth.

LM Start	6.84	Rating **	A/W	Issue No.	27
LM End	6.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			36.785065°	36.784333°
				-120.204175°	-120.203913°
DWR ID	DWR_NA0010_24_f_2023_27				
Comment Code					
RR : Riprap Revetments					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

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 : SP_2024_NA0010_140_14_20240212_00005.jpg



Rodent burrow on the landside slope. (Fall 2020)

LM Start	7.35	Rating **	C	Issue No.	10
LM End	7.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.779209°	36.775267°
				-120.198886°	-120.193634°
DWR ID	DWR_NA0010_24_f_2020_10				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	7.64	Rating **	M	Issue No.	55
LM End	7.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.775949°	36.775949°
				-120.195636°	-120.195636°
DWR ID	19958				
Comment Code					
Inspector Comment					
DS_ID:19958 FS_ID:73636 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue 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. The UCIP inspection was completed with GEI staff, P. Espinoza. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal gravity drainage pipe (CMP) 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). DWR As-Built Drawing No. 65-30, 27 April 1965, Sheet 14, STA 412+70]. FS Date: 7/20/2021					

LM Start	7.64	Rating **	M	Issue No.	55 (cont)
LM End	7.64	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2024_73636_102830.jpg



LS view: Closeup of pipe inlet buried with sediment.

Photo 2 of 2 : UCIP_SP_2024_73636_102832.jpg



WS view: Closeup of flapgate at toe with vegetation debris.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	7.83	Rating **	C	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												

No Photos

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	8.16	Rating **	M	Issue No.	56	
LM End	8.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			36.776638°	36.776638°	
				-120.186738°	-120.186738°	
DWR ID	19959					
Comment Code						
Inspector Comment						
DS_ID:19959 FS_ID:73637 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 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 (RCP) 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.15). DWR As-Built Specification No. 65-30, Sheet No. 14, 27 April 1965, (HLM 8.15)]. FS Date: 7/20/2021						

LM Start	8.16	Rating **	M	Issue No.	56 (cont)
LM End	8.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2024_73637_102857.jpg



Levee crown.

Photo 2 of 3 : UCIP_SP_2024_73637_102856.jpg



LS view: Top of a headwall barely visible behind fences from crown.

* Location	** Rating	+ Issue Type
LS: Land Side 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****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	8.16	Rating **	M	Issue No.	56 (cont)
LM End	8.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.776638°	36.776638°
				-120.186738°	-120.186738°
DWR ID	19959				

Photo 3 of 3 : UCIP_SP_2024_73637_102858.jpg



WS view: Toe from crown, no pipe visible.

LM Start	8.33	Rating **	M	Issue No.	57
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				

Comment Code**Inspector Comment**

DS_ID:19960
FS_ID:73638
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, Maintenance Compliance Issue
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 (RCP) through the levee, 3.0 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). USACE San Joaquin O&M Manual, Unit No. 601, Part No. 1, 1967, Amended in 1978, Revised 20 June 1985, (HLM 8.32). DWR As-Built Specification No. 65-30, Sheet No. 14, 27 April 1965, (HLM 8.32)].
FS Date: 7/20/2021

Photo 1 of 2 : UCIP_SP_2024_73638_102864.jpg



LS view: Slope from toe, no pipe visible.

* Location	** Rating	+ Issue Type
LS: Land Side 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**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	03/20/2024 03/20/2024	Corey Fujitani

LM Start	8.33	Rating **	M	Issue No.	57 (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 2 : UCIP_SP_2024_73638_102862.jpg



WS view: Closeup of flapgate and outlet filled with sediment at toe.

* Location LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	** Rating A: Acceptable M: Minimally Acceptable U: Unacceptable	N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain	+ Issue Type Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement
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**Flood Control Project Maintenance
Levee Inspections****Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2024****Lower San Joaquin Levee District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	03/11/2024 03/11/2024	Corey Fujitani

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

No Photos

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