

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0017_01_s_2013_3				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
The LMA has all of the required O&M manuals.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0017_01_s_2013_5				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
The LMA has all the required materials at their site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_NA0017_01_s_2013_9				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
The LMA has all the required booklets from DWR, flood response plan and most of their employees are trained to be a flood fighter. They continue to train more personnel for flood response each year.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.19	Rating **	M	Issue No.	199
LM End	0.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874155 °	37.874155 °
				-121.233682 °	-121.233682 °
DWR ID	23992				
Comment Code					
Inspector Comment					
DS_ID:23992 FS_ID:77392 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Water filtration plant and tanks no longer present on LS. Heavy vegetation covering WS pipe over bridge, recommend cleaning around pipe. Levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 03/25/2014 One 4-inch pvc pipe on the waterside levee slope. It is not clear whether the pvc pipe goes through the levee. One air vent on waterside and another across the channel. Water filter plant on landside. (P. Tariq - DWR UCIP)Not found : 24-inch CMP through levee and with flap gate. On landside a vertical pump on wooden structure; walkway to the pump; service pole and switch box. Pump is connected to 8-inch steel pipe for about 100 ft. 24-inch CMP continues through the levee. FIELD_STRUCT_DESC: 8-inch steel storm drainage pipe through the levee, 2.0 feet below the crown. Pipe goes over the top of the channel on a wooden structure. One air vent on the waterside (WS) and another air vent across the channel. Water filtration plant on the landside (LS). [Additional Reference(s): DWR Levee Log, 1977, (HLM 0.44), 14-inch pipe listed]. FS Date: 4/27/2021					

Photo 1 of 3 : UCIP_FA_2022_77392_96776.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.19	Rating **	M	Issue No.	199 (cont)
LM End	0.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.874155 °	37.874155 °
				-121.233682 °	-121.233682 °
DWR ID	23992				

Photo 2 of 3 : UCIP_FA_2022_77392_96781.jpg



LS view: Structure off toe.

LM Start	0.19	Rating **	M	Issue No.	199 (cont)
LM End	0.19	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77392_96775.jpg



LS view: Structure and air valve off toe.

LM Start	0.33	Rating **	M	Issue No.	23
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.875714 °	37.875714 °
				-121.235059 °	-121.235059 °
DWR ID	DWR_NA0017_01_f_2022_23				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.57	Rating **	M	Issue No.	29
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877043 °	37.877043 °
				-121.239141 °	-121.239141 °
DWR ID	DWR_NA0017_01_f_2022_29				
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

LM Start	0.61	Rating **	M	Issue No.	32
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.877320 °	37.877320 °
				-121.239831 °	-121.239831 °
DWR ID	DWR_NA0017_01_f_2022_32				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_148_32_20221022_00058.jpg



View of erosion caused by farming equipment along 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.74	Rating **	U	Issue No.	201
LM End	0.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878634 °	37.878634 °
				-121.241467 °	-121.241467 °
DWR ID	17973				
Comment Code					
Inspector Comment					
DS_ID:17973 FS_ID:74230 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 04/27/2021 Pipe status is still Urgent. Slidegate no longer on WS, pipe is open on both ends. LS pipe edges are bent and warped. DWR DMP internal video 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. Levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet deformed. Outlet missing a slide gate. The LMA states that a new slide gate will be installed in about two weeks. Inlet and outlet have dirt and vegetation issues. Crossing remains "Urgent" until a new slide gate is installed. Contact the LMA to see if they have photographic evidence that a new slide gate was put in. (A. McDonald - DWR UCIP)10/18/2018 Inlet deformed. Outlet missing a slide gate. This means that the pipe cannot be closed during high water. I have escalated this crossing from "No Action Needed" to "Urgent" due to the straight through pipe which could cause flooding during high water. There is a hole in the inlet, due to the deformity. It was most likely ran over by heavy equipment. I do not see enough evidence for an internal pipe inspection. (A. McDonald - DWR UCIP)03/25/2014 May need cleaning of mud in inlet pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage culvert (CMP) through the levee, 4.2 feet below the crown. Slide gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.00). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 98+65). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 98+65)]. FS Date: 4/27/2021					

Photo 1 of 3 : UCIP_FA_2022_74230_96798.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.74	Rating **	U	Issue No.	201 (cont)
LM End	0.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878634 °	37.878634 °
				-121.241467 °	-121.241467 °
DWR ID	17973				

Photo 2 of 3 : UCIP_FA_2022_74230_96792.jpg



LS view: Slope from crown, inlet visible at toe.

LM Start	0.74	Rating **	U	Issue No.	201 (cont)
LM End	0.74	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74230_96793.jpg



LS view: Inlet at toe, 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.79	Rating **	M	Issue No.	202
LM End	0.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878502 °	37.878502 °
				-121.242377 °	-121.242377 °
DWR ID	17972				
Comment Code					
Inspector Comment					
DS_ID:17972 FS_ID:74232 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Some vegetation in front of WS flapgate, recommend removal. DWR DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet and outlet cleared of dirt by the LMA. Crossing has been downgraded to "No Action Needed." (A. McDonald - DWR UCIP)03/25/2014 LS vegetation debris and mud on the inlet ditch and inside the pipe. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe (CMP) through the levee, 6.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.05). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 94+40). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 94+40)]. FS Date: 4/27/2021					

LM Start	0.79	Rating **	M	Issue No.	202 (cont)
LM End	0.79	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74232_96806.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_74232_96808.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.79	Rating **	M	Issue No.	202 (cont)
LM End	0.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878502 °	37.878502 °
				-121.242377 °	-121.242377 °
DWR ID	17972				

Photo 3 of 3 : UCIP_FA_2022_74232_96809.jpg



LS view: Headwall and pipe inlets at toe.

LM Start	0.79	Rating **	M	Issue No.	203
LM End	0.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878494 °	37.878494 °
				-121.242392 °	-121.242392 °
DWR ID	23995				

Photo 1 of 3 : UCIP_FA_2022_74233_96814.jpg



Levee crown looking downstream.

Comment Code					
Inspector Comment					
DS_ID:23995 FS_ID:74233 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal video 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 covering WS flapgates, recommend removal. The levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GE11/02/2018 Inlet and outlet covered in dirt. Inlet and outlet cleared of dirt by the LMA. (A. McDonald - DWR UCIP)03/25/2014 Needs cleaning and clearing of the culvert. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe (CMP) through the levee, 6.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.05). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 94+40). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 94+40)]. FS Date: 4/27/2021					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.79	Rating **	M	Issue No.	203 (cont)
LM End	0.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878494 °	37.878494 °
				-121.242392 °	-121.242392 °
DWR ID	23995				

Photo 2 of 3 : UCIP_FA_2022_74233_96815.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.79	Rating **	M	Issue No.	203 (cont)
LM End	0.79	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74233_96816.jpg



LS view: Inlets 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.02	Rating **	U	Issue No.	204	
LM End	1.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.877566 °	37.877566 °	
				-121.246391 °	-121.246391 °	
DWR ID	23985					
Comment Code						
Inspector Comment						
DS_ID:23985 FS_ID:74235 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/27/2021 Record updated from No Action Needed 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. LS and WS pipe end and flapgate both partially covered by vegetation debris, recommend removal. The levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet and outlet cleared of dirt and vegetation by the LMA. Crossing has been downgraded to "No Action Needed." (A. McDonald - DWR UCIP)03/25/2014 Debris and mud on inlet ditch and inside pipe. Needs cleaning and clearing the culvert. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe (CMP) through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 83+00). USACE As-Built File No. CA-2-6-147, Sheet No. 147/1, 25 March 1954, (Station 83+00)]. FS Date: 4/27/2021						

LM Start	1.02	Rating **	U	Issue No.	204 (cont)
LM End	1.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74235_96822.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_74235_96823.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.02	Rating **	U	Issue No.	204 (cont)
LM End	1.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.877566 °	37.877566 °
				-121.246391 °	-121.246391 °
DWR ID	23985				

Photo 3 of 3 : UCIP_FA_2022_74235_96824.jpg



LS view: Pipe inlet at toe.

LM Start	1.02	Rating **	M	Issue No.	33
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877577 °	37.877577 °
				-121.246420 °	-121.246420 °
DWR ID	DWR_NA0017_01_f_2022_33				
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

LM Start	1.04	Rating **	M	Issue No.	34
LM End	1.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877585 °	37.877585 °
				-121.246739 °	-121.246739 °
DWR ID	DWR_NA0017_01_f_2022_34				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.18	Rating **	U	Issue No.	205	
LM End	1.18	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.879076 °	37.879076 °	
				-121.248304 °	-121.248304 °	
DWR ID	17970					
Comment Code						
Inspector Comment						
DS_ID:17970 FS_ID:74236 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/27/2021 The record has been upgraded from Non-Urgent to Urgent. DWR 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. The levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)11/02/2018 Inlet still deformed. Inlet and outlet cleared of dirt and vegetation by the LMA. Crossing continues to be rated "Non-Urgent." (A. McDonald - DWR UCIP)03/25/2014 Needs cleaning and clearing the culvert. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 4.1 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.44). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 76+60). USACE As-Built File No. CA-2-6-147, Sheet No. 147/1, 25 March 1954, (Station 76+60)]. FS Date: 4/27/2021						

LM Start	1.18	Rating **	U	Issue No.	205 (cont)
LM End	1.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74236_96829.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_74236_96830.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.18	Rating **	U	Issue No.	205 (cont)
LM End	1.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.879076 °	37.879076 °
				-121.248304 °	-121.248304 °
DWR ID	17970				

Photo 3 of 3 : UCIP_FA_2022_74236_96831.jpg



LS view: Pipe inlet at toe.

LM Start	1.33	Rating **	M	Issue No.	206
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.881077 °	37.881077 °
				-121.249368 °	-121.249368 °
DWR ID	17969				

Comment Code

Inspector Comment

DS_ID:17969
FS_ID:74238
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found
UCIP Comments: 04/27/2021 Pipe status is still Non-Urgent. This pipe appears abandoned, no standpipe on WS and no inlet structure on LS. Only pipe with appurtenance left on WS. The levee prism in this section appears to be less than 3 feet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 03/25/2014 Appears abandoned and should be verified as having been done so properly. (P. Tariq - DWR UCIP) Concrete standpipe on waterside. Abandoned gate valve on waterside. Steel pipe disconnected with the standpipe. Inlet structure with steel gates and 18-inch alfalfa valve on landside.
FIELD_STRUCT_DESC: 18-inch reinforced concrete drainage pipe (RCP) through the levee, 6.2 feet below the crown. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.60). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 68+90). USACE As-Built File No. CA-2-6-147, Sheet No. 147/1, 25 March 1954, (Station 68+90), 21-inch pipe listed].
FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_74238_96838.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	206 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.881077 °	37.881077 °
				-121.249368 °	-121.249368 °
DWR ID	17969				

Photo 2 of 3 : UCIP_FA_2022_74238_96842.jpg



LS view: Slope from crown, no inlet structure seen.

LM Start	1.33	Rating **	M	Issue No.	206 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74238_96843.jpg



LS view: Slope from toe, no inlet structure seen.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.69	Rating **	M	Issue No.	207
LM End	1.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.884636 °	37.884636 °
				-121.254161 °	-121.254161 °
DWR ID	17968				
Comment Code					
Inspector Comment					
DS_ID:17968 FS_ID:74320 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 5.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.96). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 50+00). USACE As-Built File No. CA-2-6-147, Sheet No. 147/1, 25 March 1954, (Station 50+00)]. FS Date: 4/27/2021					

LM Start	1.69	Rating **	M	Issue No.	207 (cont)
LM End	1.69	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74320_96854.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_74320_96855.jpg



LS view: Slope from 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.69	Rating **	M	Issue No.	207 (cont)
LM End	1.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.884636 °	37.884636 °
				-121.254161 °	-121.254161 °
DWR ID	17968				

Photo 3 of 3 : UCIP_FA_2022_74320_96856.jpg



WS view: Slope from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	2.53	Rating **	M	Issue No.	208
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.888080 °	37.888080 °
				-121.266631 °	-121.266631 °
DWR ID	17966				
Comment Code					
Inspector Comment					
DS_ID:17966 FS_ID:74325 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. WS flapgate completely covered in vegetation and LS inlet has some sediment buildup inside, recommend cleaning on both ends. DWR DMP internal video 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 levee prism in this section appears to be less than 3 feet. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet uncovered from the dirt by the LMA. Some vegetation at the flap gate. Crossing continues to be rated "No Action Needed." (A. McDonald - DWR UCIP)03/25/2014 Grouted riprap outlet box and concrete outfall pipe on waterside. Pipe not visible on landside. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 5.0 feet below the crown. Flap gate on the waterside (WS) end. Grouted riprap outlet box and concrete outfall pipe on the WS. [Additional Reference(s): DWR Levee Log, 1977, (HLM 2.82). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 4+00). USACE As-Built File No. CA-2-6-147, Sheet No. 147/1, 25 March 1954, (Station 4+00)]. FS Date: 4/27/2021					

Photo 1 of 3 : UCIP_FA_2022_74325_96871.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/13/2022 10/13/2022	Alberto De Leon

LM Start	2.53	Rating **	M	Issue No.	208 (cont)
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.888080 °	37.888080 °	
			-121.266631 °	-121.266631 °	
DWR ID	17966				

Photo 2 of 3 : UCIP_FA_2022_74325_96872.jpg



LS view: Slope from crown.

LM Start	2.53	Rating **	M	Issue No.	208 (cont)
LM End	2.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74325_96873.jpg



LS view: Pipe inlet at toe.

LM Start	2.57	Rating **	M	Issue No.	22
LM End	2.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.888028 °	37.888028 °
				-121.267395 °	-121.267395 °
DWR ID	DWR_NA0017_01_s_2022_22				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage to waterside slope due to motorcycle access.					

Photo 1 of 1 : FA_2022_NA0017_148_22_20221022_00060.jpg



View of damage on waterside slope caused by motorcycle traffic. 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.00	Rating **	M	Issue No.	37	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.875087 °	37.875087 °	
				-121.220019 °	-121.220019 °	
DWR ID	23987					
Comment Code						
Inspector Comment						
DS_ID:23987 FS_ID:74364 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/28/2021 Pipe status is still Non-Urgent. Pipe not found in the field. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 04/02/2014 Not found: 24-inch CM pipe with flap gate on waterside of the levee. O&M Manual May 1963 (SJR 613C Vol 15). Probably, the pipe mentioned in desk study is one across the channel on other bank of the creek. Needs confirmation from DWR inspector or LMA. (P. Amatya - DWR) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, invert elevation 25.0 feet. Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 176+80 "N"). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 176+80 "N")]. FS Date: 4/28/2021						

LM Start	0.00	Rating **	M	Issue No.	37 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74364_96979.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_74364_96980.jpg



LS view: Slope from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.00	Rating **	M	Issue No.	37 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.875087 °	37.875087 °	
			-121.220019 °	-121.220019 °	
DWR ID	23987				

Photo 3 of 3 : UCIP_FA_2022_74364_96981.jpg



WS view: Slope from crown, no pipe visible.

LM Start	0.01	Rating **	A	Issue No.	32
LM End	1.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.875116 °	37.879639 °
				-121.220099 °	-121.243313 °
DWR ID	DWR_NA0017_02_f_2022_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained.					

Photo 1 of 1 : FA_2022_NA0017_149_32_20221022_00089.jpg

View of well maintained vegetation on the landside slope and easement.
Fall 2022

LM Start	0.01	Rating **	A	Issue No.	34
LM End	1.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.875116 °	37.879638 °
				-121.220100 °	-121.243312 °
DWR ID	DWR_NA0017_02_f_2022_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained.					

Photo 1 of 1 : FA_2022_NA0017_149_34_20221022_00090.jpg



View of well maintained vegetation 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
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.25	Rating **	M	Issue No.	36
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.875071 °	37.875071 °
				-121.224438 °	-121.224438 °
DWR ID	DWR_NA0017_02_f_2022_36				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	0.50	Rating **	U	Issue No.	38	
LM End	0.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.875178 °	37.875178 °	
				-121.228514 °	-121.228514 °	
DWR ID	17986					
Comment Code						
Inspector Comment						
DS_ID:17986 FS_ID:74365 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 04/28/2021 The record has been upgraded from No Action Needed to Urgent. No flapgate on the WS, pipe is open on both ends. There is an 8inch plastic pipe now going through this metal pipe that looks to go underground possibly under the channel on WS. Need more information from owner. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet cleared of dirt and vegetation by the LMA. Crossing continues to be rated "No Action Needed." (A. McDonald - DWR UCIP)04/02/2014 May need cleaning. (P. Amatya - DWR UCIP) 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. [Additional Reference(s): DWR Levee Log, 1977, (HLM 0.50). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 148+18 "N"). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 148+18 "N")]. FS Date: 4/28/2021						

Photo 1 of 3 : UCIP_FA_2022_74365_96992.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.50	Rating **	U	Issue No.	38 (cont)
LM End	0.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.875178 °	37.875178 °
				-121.228514 °	-121.228514 °
DWR ID	17986				

Photo 2 of 3 : UCIP_FA_2022_74365_96994.jpg



LS view: Pipe end visible at toe from crown.

LM Start	0.50	Rating **	U	Issue No.	38 (cont)
LM End	0.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74365_96995.jpg



LS view: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.50	Rating **	M	Issue No.	39	
LM End	0.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.875178 °	37.875178 °	
				-121.228514 °	-121.228514 °	
DWR ID	23986					
Comment Code						
Inspector Comment						
DS_ID:23986 FS_ID:74366 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/28/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 10-inch steel drainage discharge pipe through the levee, 2.0 feet below the crown. Gate valve on the waterside (WS). Pump structure on the landside (LS). [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 148+18 "N"). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 148+18 "N")]. FS Date: 4/28/2021						

LM Start	0.50	Rating **	M	Issue No.	39 (cont)
LM End	0.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74366_96997.jpg



LS view: Slope and toe from crown, no pipe visible.

Photo 2 of 3 : UCIP_FA_2022_74366_96998.jpg



WS view: Slope from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.50	Rating **	M	Issue No.	39 (cont)
LM End	0.50	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.875178 °	37.875178 °	
			-121.228514 °	-121.228514 °	
DWR ID	23986				

Photo 3 of 3 : UCIP_FA_2022_74366_96999.jpg



Levee crown looking upstream.

LM Start	0.53	Rating **	M	Issue No.	40
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.875203 °	37.875203 °	
			-121.229054 °	-121.229054 °	
DWR ID	23982				

Comment Code

Inspector Comment

DS_ID:23982
 FS_ID:74368
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 04/28/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, invert elevation 24.0 feet. Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 146+40 "N"). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 146+40 "N")].
 FS Date: 4/28/2021

Photo 1 of 3 : UCIP_FA_2022_74368_97000.jpg



LS view: Slope from 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.53	Rating **	M	Issue No.	40 (cont)
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.875203 °	37.875203 °
				-121.229054 °	-121.229054 °
DWR ID	23982				

Photo 2 of 3 : UCIP_FA_2022_74368_97001.jpg



Levee crown looking upstream.

LM Start	0.53	Rating **	M	Issue No.	40 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74368_97002.jpg



WS view: Slope from berm, 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.82	Rating **	M	Issue No.	41	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.877564 °	37.877564 °	
				-121.232898 °	-121.232898 °	
DWR ID	17984					
Comment Code						
Inspector Comment						
DS_ID:17984 FS_ID:77394 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 08/31/2022 Erosion at both ends of the pipe. (A. McDonald - DWR UCIP)04/28/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 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. [Additional Reference(s): DWR Levee Log, 1977, (HLM 0.84). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 129+55 "N"). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 129+55 "N")]. FS Date: 4/28/2021						

LM Start	0.82	Rating **	M	Issue No.	41 (cont)
LM End	0.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77394_97006.jpg



LS view: Slope from crown, no pipe visible.

Photo 2 of 3 : UCIP_FA_2022_77394_97007.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	0.82	Rating **	M	Issue No.	41 (cont)
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.877564 °	37.877564 °
				-121.232898 °	-121.232898 °
DWR ID	17984				

Photo 3 of 3 : UCIP_FA_2022_77394_97008.jpg



WS view: Slope from crown, no pipe visible.

LM Start	1.02	Rating **	M	Issue No.	35
LM End	1.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877157 °	37.877157 °
				-121.236274 °	-121.236274 °
DWR ID	DWR_NA0017_02_f_2022_35				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.06	Rating **	M	Issue No.	42
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.877386 °	37.877386 °
				-121.237044 °	-121.237044 °
DWR ID	17983				
Comment Code					
Inspector Comment					
DS_ID:17983 FS_ID:74371 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/28/2021 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 LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet and outlet cleared of dirt and vegetation by the LMA. Crossing has been downgraded to "No Action Needed." (A. McDonald - DWR UCIP)04/02/2014 Needs cleaning and clearing the culvert. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 6.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.08). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 114+50). USACE As-Built File No. CA-2-6-147, Sheet No. 147/2, 25 March 1954, (Station 114+50)]. FS Date: 4/28/2021					

LM Start	1.06	Rating **	M	Issue No.	42 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74371_97012.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_74371_97013.jpg



LS view: Slope and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.06	Rating **	M	Issue No.	42 (cont)
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.877386 °	37.877386 °
				-121.237044 °	-121.237044 °
DWR ID	17983				

Photo 3 of 3 : UCIP_FA_2022_74371_97014.jpg



LS view: Slope and pipe inlet at toe.

LM Start	1.21	Rating **	M	Issue No.	43
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.878581 °	37.878581 °
				-121.239299 °	-121.239299 °
DWR ID	23983				

Comment Code

Inspector Comment

DS_ID:23983
 FS_ID:74372
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 04/28/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 2 – Littlejohn Creek (CLM 1.20 to 1.70) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 1.20-1.70 of Unit 2 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. 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 LMA representative, J. Nelson. (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. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 104+00). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 104+00)].
 FS Date: 4/28/2021

Photo 1 of 3 : UCIP_FA_2022_74372_97016.jpg



LS view: Slope from 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.21	Rating **	M	Issue No.	43 (cont)
LM End	1.21	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.878581 °	37.878581 °	
			-121.239299 °	-121.239299 °	
DWR ID	23983				

Photo 2 of 3 : UCIP_FA_2022_74372_97017.jpg



Levee crown looking upstream.

LM Start	1.21	Rating **	M	Issue No.	43 (cont)
LM End	1.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74372_97018.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.27	Rating **	M	Issue No.	44	
LM End	1.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.879259 °	37.879259 °	
				-121.239951 °	-121.239951 °	
DWR ID	17982					
Comment Code						
Inspector Comment						
DS_ID:17982 FS_ID:74377 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 04/28/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 2 – Littlejohn Creek (CLM 1.20 to 1.70) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 1.20-1.70 of Unit 2 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 04/02/2014 Pipe submerged into the water. (P. David - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe (CMP) through the levee, 11.5 feet below the crown. Slide gate in a 42-inch CMP riser unit/pipe well on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1977, (HLM 1.29). USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 100+60). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 100+60)]. FS Date: 4/28/2021						

LM Start	1.27	Rating **	M	Issue No.	44 (cont)
LM End	1.27	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74377_97027.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_74377_97031.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.27	Rating **	M	Issue No.	44 (cont)
LM End	1.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.879259 °	37.879259 °
				-121.239951 °	-121.239951 °
DWR ID	17982				

Photo 3 of 3 : UCIP_FA_2022_74377_97028.jpg



WS view: Manhole visible on 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.47	Rating **	M	Issue No.	45
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.879657 °	37.879657 °
				-121.243467 °	-121.243467 °
DWR ID	23984				
Comment Code					
Inspector Comment					
DS_ID:23984 FS_ID:74389 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 05/06/2022 According to USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, at Station 93+00 there was an existing 12-inch steel pipe (DSID 24008) that was removed and replaced with a 24-inch CMP (DSID 23984). (A. McDonald - DWR UCIP)04/28/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 2 – Littlejohn Creek (CLM 1.20 to 1.70) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 1.20-1.70 of Unit 2 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Minor warping of LS pipe edges. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet and outlet cleared of dirt and vegetation by the LMA. Crossing continues to be rated "No Action Needed." (A. McDonald - DWR UCIP)04/02/2014 May need cleaning. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe (CMP) through the levee, 7.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual, Unit No. 613, Part C, May 1963, Revised 15 April 2010, (Station 93+00). USACE As-Built File No. CA-2-6-147, Sheet No. 147/22, 25 March 1954, (Station 93+00)]. FS Date: 4/28/2021					

Photo 1 of 3 : UCIP_FA_2022_74389_97051.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.47	Rating **	M	Issue No.	45 (cont)
LM End	1.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.879657 °	37.879657 °
				-121.243467 °	-121.243467 °
DWR ID	23984				

Photo 2 of 3 : UCIP_FA_2022_74389_97052.jpg



LS view: Toe from crown.

LM Start	1.47	Rating **	M	Issue No.	45 (cont)
LM End	1.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74389_97053.jpg



LS view: Slope and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.48	Rating **	M	Issue No.	46	
LM End	1.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.879603 °	37.879603 °	
				-121.243671 °	-121.243671 °	
DWR ID	23998					
Comment Code						
Inspector Comment						
DS_ID:23998 FS_ID:74381 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/28/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 2 – Littlejohn Creek (CLM 1.20 to 1.70) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 1.20-1.70 of Unit 2 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal video 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 11/02/2018 Inlet and outlet cleared of dirt and vegetation by the LMA. This crossing continues to be rated "No Action Needed." (A. McDonald - DWR UCIP)04/02/2014 Galvanized iron plate slide gate on waterside. It is not not a old pipe. The plate gate looks new. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 16-inch high-density polyethylene (HDPE) gravity drainage pipe through the levee, 7.7 feet below the crown. Galvanized iron plate gate on the waterside (WS) end. FS Date: 4/28/2021						

LM Start	1.48	Rating **	M	Issue No.	46 (cont)
LM End	1.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74381_97062.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_74381_97066.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/13/2022 10/13/2022	Alberto De Leon

LM Start	1.48	Rating **	M	Issue No.	46 (cont)
LM End	1.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.879603 °	37.879603 °
				-121.243671 °	-121.243671 °
DWR ID	23998				

Photo 3 of 3 : UCIP_FA_2022_74381_97063.jpg



WS view: Slope and plate gate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.46	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.24	Rating **	M	Issue No.	4
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979207 °	37.979306 °
				-121.094561 °	-121.090493 °
DWR ID	DWR_NA0017_06_f _ 2022_4				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_150_4_20221023_00010.jpg



View of wild growth vegetation along the landside slope and easement. Fall 2022

LM Start	0.24	Rating **	M	Issue No.	5
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979208 °	37.979289 °
				-121.094561 °	-121.090497 °
DWR ID	DWR_NA0017_06_f_2022_5				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_150_5_20221023_00011.jpg



View of wild growth vegetation along the waterside slope. Fall 2022

LM Start	0.43	Rating **	C	Issue No.	7
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.979279 °	37.979279 °
				-121.090928 °	-121.090928 °
DWR ID	DWR_NA0017_06_s_2022_7				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.45	Rating **	M	Issue No.	1057	
LM End	0.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043566 °	38.043566 °	
				-121.365418 °	-121.365418 °	
DWR ID	23620					
Comment Code						
Inspector Comment						
DS_ID:23620 FS_ID:77188 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe was not found at the indicated location or surrounding. Dense vegetation at WS toe limited inspection, but no indication of an existing pipe at LS toe with high visibility. DWR DMP geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1976, (HLM 0.67). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 0.67)]. FS Date: 2/16/2021						

LM Start	0.45	Rating **	M	Issue No.	1057 (cont)
LM End	0.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77188_95618.jpg



WS view: WS slope from WS toe. Dense vegetation limiting view.

Photo 2 of 3 : UCIP_FA_2022_77188_95619.jpg



WS view: WS slope from toe approximately 30 yards US of indicated location.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.45	Rating **	M	Issue No.	1057 (cont)
LM End	0.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043566 °	38.043566 °
				-121.365418 °	-121.365418 °
DWR ID	23620				

Photo 3 of 3 : UCIP_FA_2022_77188_95620.jpg



Overview of levee crown at indicated location, looking US

LM Start	0.59	Rating **	M	Issue No.	1058
LM End	0.59	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043501 °	38.043501 °
				-121.362921 °	-121.362921 °
DWR ID	23514				

Comment Code

Inspector Comment

DS_ID:23514
 FS_ID:77190
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe listed in USACE O&M Manual but was not found in the field. DWR DMP geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.81). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 0.81)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77190_95644.jpg



WS view: View DS from 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.59	Rating **	M	Issue No.	1058 (cont)	
LM End	0.59	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043501 °	38.043501 °	
				-121.362921 °	-121.362921 °	
DWR ID	23514					

Photo 2 of 3 : UCIP_FA_2022_77190_95645.jpg



WS view: View US from WS toe

LM Start	0.59	Rating **	M	Issue No.	1058 (cont)
LM End	0.59	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77190_95646.jpg



LS view: View toward LS toe, looking US

LM Start	0.61	Rating **	M	Issue No.	200
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043520 °	38.043520 °
				-121.362405 °	-121.362405 °
DWR ID	DWR_NA0017_07_f_2022_200				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_200_20221025_00568.jpg



View of wild vegetation on the landside slope. Fall 2022

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.69	Rating **	M	Issue No.	201
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043477 °	38.043378 °
				-121.360912 °	-121.357575 °
DWR ID	DWR_NA0017_07_f_2022_201				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.71	Rating **		Issue No.	1059	
LM End	0.71	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043439 °	38.043439 °	
				-121.360602 °	-121.360602 °	
DWR ID	23515					
Comment Code						
Inspector Comment						
DS_ID:23515 FS_ID:77191 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe was not found at indicated or surrounding locations in the field. DWR DMP geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.94). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 0.94)]. FS Date: 2/16/2021						

Photo 1 of 3 : UCIP_FA_2022_77191_95685.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.71	Rating **	M	Issue No.	1059 (cont)
LM End	0.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043439 °	38.043439 °
				-121.360602 °	-121.360602 °
DWR ID	23515				

Photo 2 of 3 : UCIP_FA_2022_77191_95686.jpg



LS view: View toward LS toe from levee crown

LM Start	0.71	Rating **	M	Issue No.	1059 (cont)
LM End	0.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77191_95687.jpg



WS view: View toward WS toe from levee crown

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.85	Rating **	M	Issue No.	1060	
LM End	0.85	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043381 °	38.043381 °	
				-121.358105 °	-121.358105 °	
DWR ID	23516					
Comment Code						
Inspector Comment						
DS_ID:23516 FS_ID:77192 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe was not found at indicated or surrounding locations in the field. DWR DMP geophysical results did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.08). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 1.08)]. FS Date: 2/16/2021						

LM Start	0.85	Rating **	M	Issue No.	1060 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77192_95693.jpg



WS view: View US along WS toe

Photo 2 of 3 : UCIP_FA_2022_77192_95694.jpg



WS view: View DS along 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.85	Rating **	M	Issue No.	1060 (cont)	
LM End	0.85	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.043381 °	38.043381 °	
				-121.358105 °	-121.358105 °	
DWR ID	23516					

Photo 3 of 3 : UCIP_FA_2022_77192_95695.jpg



Overview of levee crown, looking US

LM Start	0.99	Rating **	M	Issue No.	1061
LM End	0.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043260 °	38.043260 °
				-121.355443 °	-121.355443 °
DWR ID	23517				

Comment Code

Inspector Comment

DS_ID:23517
 FS_ID:77193
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Indicator Found
 UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe was not found at indicated or surrounding locations in the field. DWR DMP Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Record will remain in UCIP's database and site should be monitored for integrity issues that might arise with buried 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 and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.22). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 1.22)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77193_95702.jpg



WS view: View US along 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	0.99	Rating **	M	Issue No.	1061 (cont)
LM End	0.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043260 °	38.043260 °
				-121.355443 °	-121.355443 °
DWR ID	23517				

Photo 2 of 3 : UCIP_FA_2022_77193_95703.jpg



Overview of levee crown, looking US

LM Start	0.99	Rating **	M	Issue No.	1061 (cont)
LM End	0.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77193_95704.jpg



LS view: View toward LS toe from levee crown

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.13	Rating **	M	Issue No.	1062	
LM End	1.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043206 °	38.043206 °	
				-121.353027 °	-121.353027 °	
DWR ID	23518					
Comment Code						
Inspector Comment						
DS_ID:23518 FS_ID:77194 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe was not found at indicated or surrounding locations in the field. DWR DMP Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Updated coordinates are 38.0432064, -121.3530273. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. Mccoy. (B. Singh ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.36). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 1.36)]. FS Date: 2/16/2021						

LM Start	1.13	Rating **	M	Issue No.	1062 (cont)
LM End	1.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77194_95711.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_FA_2022_77194_95712.jpg



LS view: View toward 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.13	Rating **	M	Issue No.	1062 (cont)
LM End	1.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043206 °	38.043206 °
				-121.353027 °	-121.353027 °
DWR ID	23518				

Photo 3 of 3 : UCIP_FA_2022_77194_95713.jpg



LS view: LS slope from LS toe

LM Start	1.33	Rating **	M	Issue No.	1063
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043286 °	38.043286 °
				-121.349368 °	-121.349368 °
DWR ID	23695				

Comment Code

Inspector Comment

DS_ID:23695
 FS_ID:77196
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: [Thornton Road Pump Station] 1 of 6: 12-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77196_95727.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1063 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043286 °	38.043286 °
				-121.349368 °	-121.349368 °
DWR ID	23695				

Photo 2 of 3 : UCIP_FA_2022_77196_95728.jpg



LS view: View toward LS toe and pumping plant from levee crown

LM Start	1.33	Rating **	M	Issue No.	1063 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77196_95729.jpg



LS view: LS slope from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1064
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043289 °	38.043289 °
				-121.349353 °	-121.349353 °
DWR ID	23650				
Comment Code					
Inspector Comment					
DS_ID:23650 FS_ID:77197 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: [Thornton Road Pump Station] 2 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)]. FS Date: 2/16/2021					

LM Start	1.33	Rating **	M	Issue No.	1064 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77197_95733.jpg



Overview of levee crown, looking US

Photo 2 of 3 : UCIP_FA_2022_77197_95734.jpg



LS view: View toward LS toe and pump station 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1064 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043289 °	38.043289 °
				-121.349353 °	-121.349353 °
DWR ID	23650				

Photo 3 of 3 : UCIP_FA_2022_77197_95735.jpg



LS view: LS slope from LS toe

LM Start	1.33	Rating **	M	Issue No.	1065	
LM End	1.33	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043291 °	38.043291 °	
				-121.349327 °	-121.349327 °	
DWR ID	23691					

Comment Code

Inspector Comment

DS_ID:23691
 FS_ID:77198
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: [Thornton Road Pump Station] 3 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77198_95739.jpg



WS view: Pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1065 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043291 °	38.043291 °
				-121.349327 °	-121.349327 °
DWR ID	23691				

Photo 2 of 3 : UCIP_FA_2022_77198_95740.jpg



WS view: Pipe and WS slope from WS toe

LM Start	1.33	Rating **	M	Issue No.	1065 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77198_95741.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1066
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043291 °	38.043291 °
				-121.349299 °	-121.349299 °
DWR ID	23692				
Comment Code					
Inspector Comment					
DS_ID:23692 FS_ID:77199 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: [Thornton Road Pump Station] 4 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)]. FS Date: 2/16/2021					

LM Start	1.33	Rating **	M	Issue No.	1066 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77199_95745.jpg



WS view: Pipe at WS toe

Photo 2 of 3 : UCIP_FA_2022_77199_95746.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1066 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043291 °	38.043291 °
				-121.349299 °	-121.349299 °
DWR ID	23692				

Photo 3 of 3 : UCIP_FA_2022_77199_95747.jpg



LS view: View toward LS toe and pump station from levee crown

LM Start	1.33	Rating **	M	Issue No.	1067
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043293 °	38.043293 °
				-121.349270 °	-121.349270 °
DWR ID	23693				

Comment Code

Inspector Comment

DS_ID:23693
 FS_ID:77200
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: [Thornton Road Pump Station] 5 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77200_95749.jpg



WS view: Pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1067 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043293 °	38.043293 °
				-121.349270 °	-121.349270 °
DWR ID	23693				

Photo 2 of 3 : UCIP_FA_2022_77200_95750.jpg



WS view: Pipe and slope from WS toe

LM Start	1.33	Rating **	M	Issue No.	1067 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77200_95751.jpg



LS view: View toward pump station and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1068
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043295 °	38.043295 °
				-121.349240 °	-121.349240 °
DWR ID	23694				
Comment Code					
Inspector Comment					
DS_ID:23694 FS_ID:77201 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 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, H. Dunn and LMA representative, M. Mccoy. (B. Singh – GEI) FIELD_STRUCT_DESC: [Thornton Road Pump Station] 6 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3.0 feet below the crown. Pump station on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 2.16), (Station 114+25)]. FS Date: 2/16/2021					

LM Start	1.33	Rating **	M	Issue No.	1068 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77201_95755.jpg



WS view: Pipe at WS toe

Photo 2 of 3 : UCIP_FA_2022_77201_95756.jpg



WS view: Pipe (right) and WS slope from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.33	Rating **	M	Issue No.	1068 (cont)
LM End	1.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043295 °	38.043295 °
				-121.349240 °	-121.349240 °
DWR ID	23694				

Photo 3 of 3 : UCIP_FA_2022_77201_95757.jpg



Overview of levee crown, looking US

LM Start	1.38	Rating **	M	Issue No.	1069
LM End	1.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043287 °	38.043287 °
				-121.348295 °	-121.348295 °
DWR ID	23520				

Comment Code

Inspector Comment

DS_ID:23520
 FS_ID:77207
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 4b, Safety Issue
 Crossing Status: Not Found
 UCIP Comments: 02/16/2021 The record has been upgraded from No Action Needed to Non-Urgent. Inspection was not completed due to housing encampment at site location. Unable to verify presence of crossing. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, H. Dunn and LMA representative, M. McCoy. (B. Singh – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.63). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 1.63)].
 FS Date: 2/16/2021

Photo 1 of 2 : UCIP_FA_2022_77207_95778.jpg



Overview of levee crown, looking DS

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.38	Rating **	M	Issue No.	1069 (cont)
LM End	1.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043287 °	38.043287 °
				-121.348295 °	-121.348295 °
DWR ID	23520				

Photo 2 of 2 : UCIP_FA_2022_77207_95779.jpg



WS slope. No indicator found.

LM Start	1.56	Rating **	M	Issue No.	203
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043284 °	38.043268 °
				-121.344990 °	-121.343354 °
DWR ID	DWR_NA0017_07_f_2022_203				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.58	Rating **	M	Issue No.	206
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.043312 °	38.043312 °
				-121.344719 °	-121.344719 °
DWR ID	DWR_NA0017_07_f_2022_206				
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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	1.77	Rating **	M	Issue No.	207
LM End	1.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043308 °	38.043274 °
				-121.341238 °	-121.340686 °
DWR ID	DWR_NA0017_07_f _ 2022_207				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.89	Rating **	M	Issue No.	208
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.043260 °	38.043260 °
				-121.338992 °	-121.338992 °
DWR ID	DWR_NA0017_07_f_2022_208				
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

LM Start	1.91	Rating **	M	Issue No.	209	
LM End	1.91	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.043261 °	38.043261 °	
				-121.338644 °	-121.338644 °	
DWR ID	DWR_NA0017_07_f_2022_209					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.13	Rating **	M	Issue No.	210
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043220 °	38.043220 °
				-121.334613 °	-121.334613 °
DWR ID	DWR_NA0017_07_f_2022_210				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	M	Issue No.	211
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.043209 °	38.043209 °
				-121.332913 °	-121.332913 °
DWR ID	DWR_NA0017_07_f_2022_211				
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 N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.31	Rating **	M	Issue No.	1071
LM End	2.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043195 °	38.043195 °
				-121.331260 °	-121.331260 °
DWR ID	23522				
Comment Code					
Inspector Comment					
DS_ID:23522 FS_ID:77212 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/17/2021 Record was updated from No Action Needed to Non-Urgent. Upon inspection, LS pipe edges were warped and the coated tar lining deteriorating. 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, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 5.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 2.59). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.59)]. FS Date: 2/17/2021					

LM Start	2.31	Rating **	M	Issue No.	1071 (cont)
LM End	2.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77212_91080.jpg



WS view: Flapgate on WS toe.

Photo 2 of 3 : UCIP_FA_2022_77212_91081.jpg



WS view: Headwall and flapgate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.31	Rating **	M	Issue No.	1071 (cont)
LM End	2.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043195 °	38.043195 °
				-121.331260 °	-121.331260 °
DWR ID	23522				

Photo 3 of 3 : UCIP_FA_2022_77212_91082.jpg



Levee crown.

LM Start	2.33	Rating **	M	Issue No.	234
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043191 °	38.043191 °
				-121.330877 °	-121.330877 °
DWR ID	DWR_NA0017_07_s_2022_234				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.62	Rating **	M	Issue No.	213
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043139 °	38.043159 °
				-121.325647 °	-121.324696 °
DWR ID	DWR_NA0017_07_f_2022_213				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.64	Rating **	M	Issue No.	1072
LM End	2.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043146 °	38.043146 °
				-121.325350 °	-121.325350 °
DWR ID	23523				
Comment Code					
Inspector Comment					
DS_ID:23523 FS_ID:77213 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/17/2021 Record was updated from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Barbed wire over the LS toe headwall, could not inspect further. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 10.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.82)]. FS Date: 2/17/2021					

LM Start	2.64	Rating **	M	Issue No.	1072 (cont)
LM End	2.64	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77213_91085.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2022_77213_91086.jpg



LS view: LS headwall from crown. Note barbed wire prevented access 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.64	Rating **	M	Issue No.	1072 (cont)
LM End	2.64	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.043146 °	38.043146 °	
			-121.325350 °	-121.325350 °	
DWR ID	23523				

Photo 3 of 3 : UCIP_FA_2022_77213_91087.jpg



LS view: WS headwall at toe from crown.

LM Start	2.80	Rating **	M	Issue No.	1073
LM End	2.80	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.043164 °	38.043164 °	
			-121.322283 °	-121.322283 °	
DWR ID	23525				

Comment Code

Inspector Comment

DS_ID:23525
 FS_ID:77216
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/17/2021 Record was updated from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Minor erosion on one edge of the LS headwall. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 3.09). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.09)].
 FS Date: 2/17/2021

Photo 1 of 3 : UCIP_FA_2022_77216_91140.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.80	Rating **	M	Issue No.	1073 (cont)
LM End	2.80	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043164 °	38.043164 °
				-121.322283 °	-121.322283 °
DWR ID	23525				

Photo 2 of 3 : UCIP_FA_2022_77216_91141.jpg



LS view: LS headwall at toe. Minor scouring on left side of headwall.

LM Start	2.80	Rating **	M	Issue No.	1073 (cont)
LM End	2.80	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77216_91142.jpg



LS view: LS pipe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.83	Rating **	M	Issue No.	1074
LM End	2.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043199 °	38.043199 °
				-121.321841 °	-121.321841 °
DWR ID	23526				
Comment Code					
Inspector Comment					
DS_ID:23526 FS_ID:77218 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/17/2021 Record was updated from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 3.11). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.12), and 612 (addendum), February 1999, (HLM 3.15), (Station 166+25)]. FS Date: 2/17/2021					

LM Start	2.83	Rating **	M	Issue No.	1074 (cont)
LM End	2.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77218_91156.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_77218_91157.jpg



LS view: LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	2.83	Rating **	M	Issue No.	1074 (cont)
LM End	2.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043199 °	38.043199 °
				-121.321841 °	-121.321841 °
DWR ID	23526				

Photo 3 of 3 : UCIP_FA_2022_77218_91158.jpg



LS view: LS headwall at toe.

LM Start	2.83	Rating **	M	Issue No.	214
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.043219 °	38.043219 °
				-121.321756 °	-121.321756 °
DWR ID	DWR_NA0017_07_f_2022_214				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_214_20221025_00576.jpg



View of erosion on the landside slope caused by pedestrian traffic. 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.06	Rating **	M	Issue No.	1075
LM End	3.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043195 °	38.043195 °
				-121.317498 °	-121.317498 °
DWR ID	23528				
Comment Code					
Inspector Comment					
DS_ID:23528 FS_ID:77219 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/17/2021 Record was updated from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe (CMP) through the levee, 7.3 feet below the crown. Concrete U-shaped headwall on both sides. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 3.36). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.36)]. FS Date: 2/17/2021					

Photo 1 of 3 : UCIP_FA_2022_77219_95478.jpg



Levee crown looking upstream.

LM Start	3.06	Rating **	M	Issue No.	1075 (cont)
LM End	3.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77219_95479.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.06	Rating **	M	Issue No.	1075 (cont)
LM End	3.06	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.043195 °	38.043195 °	
			-121.317498 °	-121.317498 °	
DWR ID	23528				

Photo 3 of 3 : UCIP_FA_2022_77219_95480.jpg



LS View: Pipe inlet.

LM Start	3.18	Rating **	M	Issue No.	1076
LM End	3.18	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.043147 °	38.043147 °	
			-121.315279 °	-121.315279 °	
DWR ID	23651				

Comment Code

Inspector Comment

DS_ID:23651
 FS_ID:77223
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch storm drainage pipe of an unknown material through the levee, at an unknown depth. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 3.48), (Station 183+50)].
 FS Date: 2/17/2021

Photo 1 of 3 : UCIP_FA_2022_77223_93643.jpg



WS toe from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.18	Rating **	M	Issue No.	1076 (cont)
LM End	3.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043147 °	38.043147 °
				-121.315279 °	-121.315279 °
DWR ID	23651				

Photo 2 of 3 : UCIP_FA_2022_77223_93644.jpg



Levee crown looking upstream.

LM Start	3.18	Rating **	M	Issue No.	1076 (cont)
LM End	3.18	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77223_93645.jpg



LS toe from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.27	Rating **	M	Issue No.	1077	
LM End	3.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043193 °	38.043193 °	
				-121.313684 °	-121.313684 °	
DWR ID	23532					
Comment Code						
Inspector Comment						
DS_ID:23532 FS_ID:77225 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/17/2021 The record has been upgraded 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. Minor erosion underneath the grouted WS spillway. 2 feet in length, half foot in height. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe (CMP) through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 3.58). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.58)]. FS Date: 2/17/2021						

LM Start	3.27	Rating **	M	Issue No.	1077 (cont)
LM End	3.27	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77225_93666.jpg



WS headwall and flapgate at toe. Minor erosion underneath grouted spillway.

Photo 2 of 3 : UCIP_FA_2022_77225_93662.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.27	Rating **	M	Issue No.	1077 (cont)
LM End	3.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043193 °	38.043193 °
				-121.313684 °	-121.313684 °
DWR ID	23532				

Photo 3 of 3 : UCIP_FA_2022_77225_95505.jpg



WS view: Headwall and close up view of flapgate.

LM Start	3.33	Rating **	M	Issue No.	1078
LM End	3.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043094 °	38.043094 °
				-121.312605 °	-121.312605 °
DWR ID	23652				

Comment Code

Inspector Comment

DS_ID:23652
 FS_ID:77226
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch storm drainage pipe of an unknown material through the levee, at an unknown depth. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 3.63), (Station 192+15)].
 FS Date: 2/17/2021

Photo 1 of 3 : UCIP_FA_2022_77226_93668.jpg



WS toe from crown, pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.33	Rating **	M	Issue No.	1078 (cont)
LM End	3.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043094 °	38.043094 °
				-121.312605 °	-121.312605 °
DWR ID	23652				

Photo 2 of 3 : UCIP_FA_2022_77226_93669.jpg



Levee crown looking upstream.

LM Start	3.33	Rating **	M	Issue No.	1078 (cont)
LM End	3.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77226_93670.jpg



LS toe from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.49	Rating **	M	Issue No.	1079	
LM End	3.49	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.043048 °	38.043048 °	
				-121.309641 °	-121.309641 °	
DWR ID	23533					
Comment Code						
Inspector Comment						
DS_ID:23533 FS_ID:77228 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Grouted intake on the LS. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 3.81). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.81)]. FS Date: 2/17/2021						

LM Start	3.49	Rating **	M	Issue No.	1079 (cont)
LM End	3.49	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77228_93682.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77228_93684.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.49	Rating **	M	Issue No.	1079 (cont)
LM End	3.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043048 °	38.043048 °
				-121.309641 °	-121.309641 °
DWR ID	23533				

Photo 3 of 3 : UCIP_FA_2022_77228_95513.jpg



WS view: Headwall and close up of flapgate.

LM Start	3.59	Rating **	M	Issue No.	1080
LM End	3.59	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042992 °	38.042992 °
				-121.307792 °	-121.307792 °
DWR ID	23654				

Comment Code

Inspector Comment

DS_ID:23654
 FS_ID:77229
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 42-inch culvert of an unknown material for railroad drainage ditch through the levee, at an unknown depth.
 [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 3.90), (Station 206+00)].
 FS Date: 2/17/2021

Photo 1 of 3 : UCIP_FA_2022_77229_93689.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.59	Rating **	M	Issue No.	1080 (cont)
LM End	3.59	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042992 °	38.042992 °
				-121.307792 °	-121.307792 °
DWR ID	23654				

Photo 2 of 3 : UCIP_FA_2022_77229_93690.jpg



LS view: LS toe from crown, no pipe visible.

LM Start	3.59	Rating **	M	Issue No.	1080 (cont)
LM End	3.59	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77229_93691.jpg



WS view: WS toe from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.78	Rating **	U	Issue No.	1081	
LM End	3.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.042997 °	38.042997 °	
				-121.304345 °	-121.304345 °	
DWR ID	23534					
Comment Code						
Inspector Comment						
DS_ID:23534 FS_ID:77232 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to be addressed. Holes and peeling of metal on the inside bottom of the LS pipe. Recommend LMA create contingency plan for increased inspections during high-water. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Grouted intake on the LS. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 4.10). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.10), and 612 (addendum), February 1999, (HLM 4.10), (Station 216+43)]. FS Date: 2/17/2021						

LM Start	3.78	Rating **	U	Issue No.	1081 (cont)
LM End	3.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77232_93717.jpg



WS view: WS headwall and flapgate at toe.

Photo 2 of 3 : UCIP_FA_2022_77232_93718.jpg



WS view: WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	3.78	Rating **	U	Issue No.	1081 (cont)
LM End	3.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042997 °	38.042997 °
				-121.304345 °	-121.304345 °
DWR ID	23534				

Photo 3 of 3 : UCIP_FA_2022_77232_93719.jpg



WS view: WS headwall at toe from crown.

LM Start	4.05	Rating **	U	Issue No.	1082
LM End	4.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043975 °	38.043975 °
				-121.299901 °	-121.299901 °
DWR ID	23535				

Comment Code

Inspector Comment

DS_ID:23535
 FS_ID:77234
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to be addressed. Recommend LMA to prepare contingency plan for increased inspections during high-water. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 4.37). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.37), and 612 (addendum), February 1999, (HLM 4.33), (Station 228+58)].
 FS Date: 2/17/2021

Photo 1 of 3 : UCIP_FA_2022_77234_95535.jpg



WS view: Headwall and close up 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.05	Rating **	U	Issue No.	1082 (cont)
LM End	4.05	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.043975 °	38.043975 °
				-121.299901 °	-121.299901 °
DWR ID	23535				

Photo 2 of 3 : UCIP_FA_2022_77234_95536.jpg



LS view: Headwall at toe.

LM Start	4.05	Rating **	U	Issue No.	1082 (cont)
LM End	4.05	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77234_93735.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.29	Rating **	M	Issue No.	1083	
LM End	4.29	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.044464 °	38.044464 °	
				-121.295611 °	-121.295611 °	
DWR ID	23536					
Comment Code						
Inspector Comment						
DS_ID:23536 FS_ID:77235 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/17/2021 The record has been upgraded from No Action Needed to Non-Urgent. LS concrete liner around riser is cracked and misaligned, as well as no cover. DWR DMP Geophysical study indicates possible presence of pipe through levee at 38.0444641, -121.2956106, 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, B. Singh, N. Cholewinski, and LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal pipe (CMP) siphon through the levee, 10.4 feet below the crown. Slide gate in a 36-inch CMP riser unit on the waterside (WS) slope. Siphon cleanout in center of channel. Slide gate in concrete standpipe at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1987, (HLM 4.62). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.62), and 612 (addendum), February 1999, (HLM 4.62), (Station 243+84)]. FS Date: 2/17/2021						

LM Start	4.29	Rating **	M	Issue No.	1083 (cont)
LM End	4.29	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77235_93742.jpg



WS view: WS toe from crown, metal riser with slidegate.

Photo 2 of 3 : UCIP_FA_2022_77235_93743.jpg



LS view: LS toe from crown, metal riser with slidegate.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.29	Rating **	M	Issue No.	1083 (cont)
LM End	4.29	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.044464 °	38.044464 °	
			-121.295611 °	-121.295611 °	
DWR ID	23536				

Photo 3 of 3 : UCIP_FA_2022_77235_95547.jpg



WS view: Inside metal riser with slidegate.

LM Start	4.34	Rating **	M	Issue No.	1084
LM End	4.34	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.045049 °	38.045049 °	
			-121.295033 °	-121.295033 °	
DWR ID	23538				

Comment Code

Inspector Comment

DS_ID:23538
 FS_ID:77239
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. True location was around 20 feet south, coordinates have been updated to 38.0450489. -121.2950334. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.3 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 4.65). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.66)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77239_91205.jpg



WS view: WS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.34	Rating **	M	Issue No.	1084 (cont)
LM End	4.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.045049 °	38.045049 °
				-121.295033 °	-121.295033 °
DWR ID	23538				

Photo 2 of 3 : UCIP_FA_2022_77239_91206.jpg



Levee crown looking upstream.

LM Start	4.34	Rating **	M	Issue No.	1084 (cont)
LM End	4.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77239_91207.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.54	Rating **	U	Issue No.	1086	
LM End	4.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.047472 °	38.047472 °	
				-121.293007 °	-121.293007 °	
DWR ID	23540					
Comment Code						
Inspector Comment						
DS_ID:23540 FS_ID:77241 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to be addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. Mccoy. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.8 feet below the crown. 44-inch concrete standpipe on the landside (LS) toe. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 4.88). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.88), and 612 (addendum), February 1999, (HLM 4.88), (Station 257+60)]. FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77241_91229.jpg



LS view: Concrete standpipe on LS toe from crown.

LM Start	4.54	Rating **	U	Issue No.	1086 (cont)
LM End	4.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77241_91230.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.54	Rating **	U	Issue No.	1086 (cont)	
LM End	4.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.047472 °	38.047472 °	
				-121.293007 °	-121.293007 °	
DWR ID	23540					

Photo 3 of 3 : UCIP_FA_2022_77241_91231.jpg



WS view: Headwall at WS toe from crown.

LM Start	4.94	Rating **	U	Issue No.	241
LM End	4.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.050361 °	38.050361 °
				-121.286959 °	-121.286959 °
DWR ID	DWR_NA0017_07_s_2022_241				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_241_20220919_00025.jpg



There is dense wild vegetation within the landside easement. Spring 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.97	Rating **	M	Issue No.	1088	
LM End	4.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.050685 °	38.050685 °	
				-121.286569 °	-121.286569 °	
DWR ID	23543					
Comment Code						
Inspector Comment						
DS_ID:23543 FS_ID:77246 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.9 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 5.33). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.33), and 612 (addendum), February 1999, (HLM 5.37), (Station 283+76)]. FS Date: 2/18/2021						

LM Start	4.97	Rating **	M	Issue No.	1088 (cont)
LM End	4.97	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77246_91293.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77246_91294.jpg



LS view: Left side headwall and pipe on LS toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.97	Rating **	M	Issue No.	1088 (cont)
LM End	4.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.050685 °	38.050685 °
				-121.286569 °	-121.286569 °
DWR ID	23543				

Photo 3 of 3 : UCIP_FA_2022_77246_91295.jpg



LS view: Headwall and pipes on LS toe.

LM Start	4.97	Rating **	M	Issue No.	1089
LM End	4.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.050700 °	38.050700 °
				-121.286552 °	-121.286552 °
DWR ID	23678				

Comment Code

Inspector Comment

DS_ID:23678
 FS_ID:77247
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 Pipe status is still Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Minor debris inside LS 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, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.9 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 5.33). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.33)].
 FS Date: 2/10/2021

Photo 1 of 3 : UCIP_FA_2022_77247_91399.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	4.97	Rating **	M	Issue No.	1089 (cont)
LM End	4.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.050700 °	38.050700 °
				-121.286552 °	-121.286552 °
DWR ID	23678				

Photo 2 of 3 : UCIP_FA_2022_77247_91400.jpg



LS view: LS headwall and pipes at toe.

LM Start	4.97	Rating **	M	Issue No.	1089 (cont)
LM End	4.97	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77247_91402.jpg



LS view: LS headwall and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.50	Rating **	U	Issue No.	1090	
LM End	5.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.052790 °	38.052790 °	
				-121.277636 °	-121.277636 °	
DWR ID	23544					
Comment Code						
Inspector Comment						
DS_ID:23544 FS_ID:77248 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded from No Action Needed to Urgent. Outside edges of WS pipe are warped with minor erosion on WS slope along pipe alignment. 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. Mccoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.6 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 5.87). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.87), and 612 (addendum), February 1999, (HLM 5.81), (Station 306+88)]. FS Date: 2/18/2021						

LM Start	5.50	Rating **	U	Issue No.	1090 (cont)
LM End	5.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77248_91418.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77248_91419.jpg



WS view: WS headwall and flagate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.50	Rating **	U	Issue No.	1090 (cont)
LM End	5.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052790 °	38.052790 °
				-121.277636 °	-121.277636 °
DWR ID	23544				

Photo 3 of 3 : UCIP_FA_2022_77248_91415.jpg



WS view: WS flapgate.

LM Start	5.52	Rating **	M	Issue No.	1091
LM End	5.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052797 °	38.052797 °
				-121.277231 °	-121.277231 °
DWR ID	23545				

Photo 1 of 3 : UCIP_FA_2022_77251_91732.jpg



Levee crown looking upstream.

Comment Code					
Inspector Comment					
DS_ID:23545 FS_ID:77251 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 Pipe status is still Non-Urgent. Bullet holes seen through LS flapgate compromising effectiveness. LMA stated they would have the holes welded shut within 2 years. 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI) 05/15/2014 Some sediment buildup inside pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 6.9 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 5.90). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.90)]. FS Date: 2/18/2021					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.52	Rating **	M	Issue No.	1091 (cont)
LM End	5.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052797 °	38.052797 °
				-121.277231 °	-121.277231 °
DWR ID	23545				

Photo 2 of 3 : UCIP_FA_2022_77251_91733.jpg



WS view: WS headwall at toe from crown.

LM Start	5.52	Rating **	M	Issue No.	1091 (cont)
LM End	5.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77251_91734.jpg



WS view: WS headwall and flapgate at toe.

LM Start	5.53	Rating **	M	Issue No.	244
LM End	5.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.052779 °	38.052779 °
				-121.277055 °	-121.277055 °
DWR ID	DWR_NA0017_07_s_2022_244				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.60	Rating **	U	Issue No.	1092	
LM End	5.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.052793 °	38.052793 °	
				-121.275858 °	-121.275858 °	
DWR ID	23546					
Comment Code						
Inspector Comment						
DS_ID:23546 FS_ID:77252 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded from Non-Urgent to Urgent. No LS pipe visible, and LMA has confirmed that the pipe is abandoned, has been grouted, and will be removed within 5 years. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for it to be addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI) 05/15/2014 Inlet buried at LS toe. Pipe may be abandoned and if so should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe (CMP) through the levee, 7.9 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Concrete headwall on the landside (LS). Flap gate on the WS end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 5.97). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.97)]. FS Date: 2/18/2021						

LM Start	5.60	Rating **	U	Issue No.	1092 (cont)
LM End	5.60	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77252_91739.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77252_91740.jpg



WS view: WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.60	Rating **	U	Issue No.	1092 (cont)
LM End	5.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052793 °	38.052793 °
				-121.275858 °	-121.275858 °
DWR ID	23546				

Photo 3 of 3 : UCIP_FA_2022_77252_91737.jpg



WS view: WS flapgate at toe.

LM Start	5.82	Rating **	U	Issue No.	1093
LM End	5.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053578 °	38.053578 °
				-121.271938 °	-121.271938 °
DWR ID	23550				

Comment Code

Inspector Comment

DS_ID:23550
 FS_ID:77261
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 02/18/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for it to be addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 5.9 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm.
 [Additional Reference(s): DWR Levee Log, 1987, (HLM 6.20). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.20)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77261_91770.jpg



WS view: WS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.82	Rating **	U	Issue No.	1093 (cont)
LM End	5.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053578 °	38.053578 °
				-121.271938 °	-121.271938 °
DWR ID	23550				

Photo 2 of 3 : UCIP_FA_2022_77261_91771.jpg



WS view: WS headwall and flapgate at toe.

LM Start	5.82	Rating **	U	Issue No.	1093 (cont)
LM End	5.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77261_91772.jpg



WS view: WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.93	Rating **	M	Issue No.	1094	
LM End	5.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.053679 °		38.053679 °
				-121.269812 °		-121.269812 °
DWR ID	23551					
Comment Code						
Inspector Comment						
DS_ID:23551 FS_ID:77262 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 Pipe status is still 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI) 05/15/2014 Sediment buildup in pipe at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 6.32). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.32), and 612 (addendum), February 1999, (HLM 6.34), (Station 334+54), listed as a 36-inch pipe]. FS Date: 2/18/2021						

LM Start	5.93	Rating **	M	Issue No.	1094 (cont)
LM End	5.93	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77262_91777.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77262_91778.jpg



WS view: WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	5.93	Rating **	M	Issue No.	1094 (cont)
LM End	5.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053679 °	38.053679 °
				-121.269812 °	-121.269812 °
DWR ID	23551				

Photo 3 of 3 : UCIP_FA_2022_77262_91779.jpg



WS view: WS flapgate at toe.

LM Start	6.04	Rating **	M	Issue No.	222
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.054240 °	38.054466 °
				-121.268090 °	-121.266962 °
DWR ID	DWR_NA0017_07_f_2022_222				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.11	Rating **	M	Issue No.	1095	
LM End	6.11	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.054467 °	38.054467 °	
				-121.266715 °	-121.266715 °	
DWR ID	23552					
Comment Code						
Inspector Comment						
DS_ID:23552 FS_ID:77266 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. Cracking in soil on WS berm (4 feet), recommend monitoring area for material loss. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. Mccoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.4 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. Cobble grouted spillway across the berm. Slide gate on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 6.51). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.51), and 612 (addendum), February 1999, (HLM 6.51), (Station 343+82)]. FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77266_91804.jpg



LS view: LS headwall at toe from crown.

LM Start	6.11	Rating **	M	Issue No.	1095 (cont)
LM End	6.11	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77266_91805.jpg



LS view: LS headwall and slide gate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.11	Rating **	M	Issue No.	1095 (cont)
LM End	6.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.054467 °	38.054467 °
				-121.266715 °	-121.266715 °
DWR ID	23552				

Photo 3 of 3 : UCIP_FA_2022_77266_91806.jpg



LS view: LS slide gate at toe.

LM Start	6.13	Rating **	M	Issue No.	1096
LM End	6.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.054497 °	38.054497 °
				-121.266387 °	-121.266387 °
DWR ID	23554				

Comment Code

Inspector Comment

DS_ID:23554
 FS_ID:77268
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/18/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.3 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm.
 [Additional Reference(s): DWR Levee Log, 1987, (HLM 6.53). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.53)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77268_68873.jpg



Headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.13	Rating **	M	Issue No.	1096 (cont)
LM End	6.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.054497 °	38.054497 °
				-121.266387 °	-121.266387 °
DWR ID	23554				

Photo 2 of 3 : UCIP_FA_2022_77268_68872.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.13	Rating **	M	Issue No.	1096 (cont)
LM End	6.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77268_68871.jpg



Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.44	Rating **	M	Issue No.	1097	
LM End	6.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.057275 °	38.057275 °	
				-121.262193 °	-121.262193 °	
DWR ID	23555					
Comment Code						
Inspector Comment						
DS_ID:23555 FS_ID:77271 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.7 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 6.85). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.85)]. FS Date: 2/18/2021						

LM Start	6.44	Rating **	M	Issue No.	1097 (cont)
LM End	6.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77271_91834.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77271_91835.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.44	Rating **	M	Issue No.	1097 (cont)
LM End	6.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.057275 °	38.057275 °
				-121.262193 °	-121.262193 °
DWR ID	23555				

Photo 3 of 3 : UCIP_FA_2022_77271_91836.jpg



LS view: LS pipe.

LM Start	6.46	Rating **	M	Issue No.	225
LM End	6.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.057545 °	38.060079 °
				-121.262429 °	-121.260836 °
DWR ID	DWR_NA0017_07_f_2022_225				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.62	Rating **	M	Issue No.	1100	
LM End	6.62	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.059521 °	38.059521 °	
				-121.261491 °	-121.261491 °	
DWR ID	23557					
Comment Code						
Inspector Comment						
DS_ID:23557 FS_ID:77274 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh and LMA representative, M. Mccoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Culvert with slide gate in headwall on the WS. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.04). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.02), and 612 (addendum), February 1999, (HLM 6.97), (Station 368+08)]. FS Date: 2/18/2021						

LM Start	6.62	Rating **	M	Issue No.	1100 (cont)
LM End	6.62	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77274_91851.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77274_91852.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.62	Rating **	M	Issue No.	1100 (cont)
LM End	6.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.059521 °	38.059521 °
				-121.261491 °	-121.261491 °
DWR ID	23557				

Photo 3 of 3 : UCIP_FA_2022_77274_91853.jpg



LS view: LS pipe.

LM Start	6.73	Rating **	M	Issue No.	230
LM End	6.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.060803 °	38.060803 °
				-121.260156 °	-121.260156 °
DWR ID	DWR_NA0017_07_f_2022_230				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.76	Rating **	U	Issue No.	1101
LM End	6.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061050 °	38.061050 °
				-121.259836 °	-121.259836 °
DWR ID	23559				
Comment Code					
Inspector Comment					
DS_ID:23559 FS_ID:77276 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Urgent. Did not inspect LS due to safety issues (large homeless encampment under freeway). DWR DMP has found integrity issues, LOF 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.17). USACE As-Built Drawing No. CA3-04-008, Sheet No. 28, 1 February 1963, existing structure just downstream of southbound Highway 99]. FS Date: 2/24/2021					

Photo 1 of 3 : UCIP_FA_2022_77276_68857.jpg



Pipe, headwall, and flapgate on WS toe.

LM Start	6.76	Rating **	U	Issue No.	1101 (cont)
LM End	6.76	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77276_91860.jpg



WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.76	Rating **	U	Issue No.	1101 (cont)
LM End	6.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061050 °	38.061050 °
				-121.259836 °	-121.259836 °
DWR ID	23559				

Photo 3 of 3 : UCIP_FA_2022_77276_91861.jpg



WS flapgate at toe.

LM Start	6.82	Rating **	M	Issue No.	1103
LM End	6.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061678 °	38.061678 °
				-121.259084 °	-121.259084 °
DWR ID	23561				

Comment Code

Inspector Comment

DS_ID:23561
FS_ID:77278
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 6, Levee Damage or Threat for Levee Damage
Crossing Status: Found
UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Minor erosion along the right edge of the LS headwall and slope. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI)
FIELD_STRUCT_DESC: 36-inch concrete storm drainage pipe through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.21). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.21)].
FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77278_91867.jpg



LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.82	Rating **	M	Issue No.	1103 (cont)
LM End	6.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061678 °	38.061678 °
				-121.259084 °	-121.259084 °
DWR ID	23561				

Photo 2 of 3 : UCIP_FA_2022_77278_91868.jpg



LS headwall at toe.

LM Start	6.82	Rating **	M	Issue No.	1103 (cont)
LM End	6.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77278_91862.jpg



LS headwall with minor erosion on slope on side of headwall.

LM Start	6.82	Rating **	M	Issue No.	231
LM End	6.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.061691 °	38.061691 °
				-121.259037 °	-121.259037 °
DWR ID	DWR_NA0017_07_f_2022_231				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_231_20221025_00578.jpg



View of soil separation along the landside shoulder. Fall 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.87	Rating **	M	Issue No.	232
LM End	7.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.062203 °	38.063424 °
				-121.258286 °	-121.255869 °
DWR ID	DWR_NA0017_07_f_2022_232				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	6.95	Rating **	U	Issue No.	1104	
LM End	6.95	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.062847 °		38.062847 °
				-121.257143 °		-121.257143 °
DWR ID	23562					
Comment Code						
Inspector Comment						
DS_ID:23562 FS_ID:77280 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/24/2021 Record updated from No Action Needed 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.34). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.34), and 612 (addendum), February 1999, (HLM 7.30), (Station 385+65)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77280_91882.jpg



LS view: LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	6.95	Rating **	U	Issue No.	1104 (cont)
LM End	6.95	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.062847 °	38.062847 °
				-121.257143 °	-121.257143 °
DWR ID	23562				

Photo 2 of 3 : UCIP_FA_2022_77280_91883.jpg



LS view: LS headwall at toe.

LM Start	6.95	Rating **	U	Issue No.	1104 (cont)
LM End	6.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77280_91884.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.11	Rating **	M	Issue No.	1105	
LM End	7.11	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.064076 °	38.064076 °	
				-121.254656 °	-121.254656 °	
DWR ID	23563					
Comment Code						
Inspector Comment						
DS_ID:23563 FS_ID:77281 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.52). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.51), and 612 (addendum), February 1999, (HLM 7.45), (Station 393+26)]. FS Date: 2/24/2021						

LM Start	7.11	Rating **	M	Issue No.	1105 (cont)
LM End	7.11	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77281_91889.jpg



LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77281_91890.jpg



LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.11	Rating **	M	Issue No.	1105 (cont)
LM End	7.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.064076 °	38.064076 °
				-121.254656 °	-121.254656 °
DWR ID	23563				

Photo 3 of 3 : UCIP_FA_2022_77281_91891.jpg



LS pipe.

LM Start	7.19	Rating **	M	Issue No.	233
LM End	7.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.064776 °	38.067458 °
				-121.253583 °	-121.242735 °
DWR ID	DWR_NA0017_07_f_2022_233				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.31	Rating **	M	Issue No.	1106	
LM End	7.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.064970 °	38.064970 °	
				-121.251261 °	-121.251261 °	
DWR ID	23564					
Comment Code						
Inspector Comment						
DS_ID:23564 FS_ID:77282 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.72). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.72)]. FS Date: 2/24/2021						

LM Start	7.31	Rating **	M	Issue No.	1106 (cont)
LM End	7.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77282_91896.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77282_91897.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.31	Rating **	M	Issue No.	1106 (cont)
LM End	7.31	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.064970 °	38.064970 °	
			-121.251261 °	-121.251261 °	
DWR ID	23564				

Photo 3 of 3 : UCIP_FA_2022_77282_91898.jpg



LS view: LS pipe.

LM Start	7.35	Rating **	M	Issue No.	1107
LM End	7.35	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.065036 °	38.065036 °	
			-121.250691 °	-121.250691 °	
DWR ID	23565				

Comment Code

Inspector Comment

DS_ID:23565
 FS_ID:77283
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.75). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.75)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77283_91904.jpg



LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.35	Rating **	M	Issue No.	1107 (cont)	
LM End	7.35	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.065036 °	38.065036 °	
				-121.250691 °	-121.250691 °	
DWR ID	23565					

Photo 2 of 3 : UCIP_FA_2022_77283_91905.jpg



LS headwall at toe.

LM Start	7.35	Rating **	M	Issue No.	1107 (cont)
LM End	7.35	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77283_91906.jpg



LS pipe.

LM Start	7.35	Rating **	M	Issue No.	243
LM End	7.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.065080 °	38.065080 °
				-121.250546 °	-121.250546 °
DWR ID	DWR_NA0017_07_f_2022_243				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_243_20221025_00579.jpg



View of erosion 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.36	Rating **	M	Issue No.	1108
LM End	7.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.065066 °	38.065066 °
				-121.250523 °	-121.250523 °
DWR ID	23566				
Comment Code					
Inspector Comment					
DS_ID:23566 FS_ID:77284 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded 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. Small plastic pipe that was previously laying inside drainage pipe is now laying outside adjacent to headwall. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.76). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.76), and 612 (addendum), February 1999, (HLM 7.78), (Station 410+54)]. FS Date: 2/24/2021					

LM Start	7.36	Rating **	M	Issue No.	1108 (cont)
LM End	7.36	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77284_91912.jpg



LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77284_91913.jpg



LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.36	Rating **	M	Issue No.	1108 (cont)
LM End	7.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.065066 °	38.065066 °
				-121.250523 °	-121.250523 °
DWR ID	23566				

Photo 3 of 3 : UCIP_FA_2022_77284_91914.jpg



LS pipe.

LM Start	7.43	Rating **	M	Issue No.	245
LM End	7.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.065633 °	38.065633 °
				-121.249408 °	-121.249408 °
DWR ID	DWR_NA0017_07_f_2022_245				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.45	Rating **	M	Issue No.	246
LM End	7.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.065790 °	38.065933 °
				-121.249130 °	-121.248888 °
DWR ID	DWR_NA0017_07_f_2022_246				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.50	Rating **	M	Issue No.	247
LM End	7.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.066245 °	38.066245 °
				-121.248366 °	-121.248366 °
DWR ID	DWR_NA0017_07_f_2022_247				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	7.58	Rating **	U	Issue No.	1109	
LM End	7.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.066936 °		38.066936 °
				-121.247140 °		-121.247140 °
DWR ID	23567					
Comment Code						
Inspector Comment						
DS_ID:23567 FS_ID:77285 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Urgent. Significant peeling of metal inside LS pipe. DWR DMP has found integrity issues, LOF 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 7.99). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.99), and 612 (addendum), February 1999, (HLM 7.94), (Station 419+06)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77285_91921.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.58	Rating **	U	Issue No.	1109 (cont)
LM End	7.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.066936 °	38.066936 °
				-121.247140 °	-121.247140 °
DWR ID	23567				

Photo 2 of 3 : UCIP_FA_2022_77285_91922.jpg



LS view: LS headwall at toe.

LM Start	7.58	Rating **	U	Issue No.	1109 (cont)
LM End	7.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77285_91915.jpg



LS view: LS pipe.

LM Start	7.66	Rating **	M	Issue No.	250
LM End	7.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.067365 °	38.067365 °
				-121.245788 °	-121.245788 °
DWR ID	DWR_NA0017_07_s_2022_250				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.73	Rating **	M	Issue No.	1110	
LM End	7.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.067429 °	38.067429 °	
				-121.244562 °	-121.244562 °	
DWR ID	23663					
Comment Code						
Inspector Comment						
DS_ID:23663 FS_ID:77286 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. DWR DMP geophysical study did not confirm presence of pipe through levee. Record will remain in UCIP's inspection records until future Levee Improvement Project can confirm no crossing was found through the levee. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch storm drainage pipe of an unknown material through the levee, at an unknown depth. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 8.14), (Station 429+90)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77286_91925.jpg



LS view: LS toe from crown, no pipe visible.

LM Start	7.73	Rating **	M	Issue No.	1110 (cont)
LM End	7.73	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77286_91923.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.73	Rating **	M	Issue No.	1110 (cont)
LM End	7.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067429 °	38.067429 °
				-121.244562 °	-121.244562 °
DWR ID	23663				

Photo 3 of 3 : UCIP_FA_2022_77286_91924.jpg



WS view: WS toe from crown, no pipe visible.

LM Start	7.73	Rating **	M	Issue No.	1111
LM End	7.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067466 °	38.067466 °
				-121.244455 °	-121.244455 °
DWR ID	23568				

Comment Code

Inspector Comment

DS_ID:23568
 FS_ID:77287
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. Significant peeling of metal inside LS pipe. 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.15). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.15)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77287_91930.jpg



LS view: LS headwall 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.73	Rating **	M	Issue No.	1111 (cont)
LM End	7.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067466 °	38.067466 °
				-121.244455 °	-121.244455 °
DWR ID	23568				

Photo 2 of 3 : UCIP_FA_2022_77287_91931.jpg



LS view: LS headwall at toe.

LM Start	7.73	Rating **	M	Issue No.	1111 (cont)
LM End	7.73	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77287_91932.jpg



LS view: LS pipe.

LM Start	7.83	Rating **	C	Issue No.	260
LM End	7.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.067454 °	38.067454 °
				-121.242677 °	-121.242677 °
DWR ID	DWR_NA0017_07_s_2022_260				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.85	Rating **	M	Issue No.	1112
LM End	7.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067469 °	38.067469 °
				-121.242233 °	-121.242233 °
DWR ID	23569				
Comment Code					
Inspector Comment					
DS_ID:23569 FS_ID:77316 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a 48-inch CMP riser unit on the WS slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the bank. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.28). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.28)]. FS Date: 2/24/2021					

LM Start	7.85	Rating **	M	Issue No.	1112 (cont)
LM End	7.85	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77316_91942.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77316_91943.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.85	Rating **	M	Issue No.	1112 (cont)
LM End	7.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067469 °	38.067469 °
				-121.242233 °	-121.242233 °
DWR ID	23569				

Photo 3 of 3 : UCIP_FA_2022_77316_91945.jpg



LS view: LS pipe.

LM Start	7.86	Rating **	M	Issue No.	1113
LM End	7.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067469 °	38.067469 °
				-121.242214 °	-121.242214 °
DWR ID	23682				

Comment Code

Inspector Comment

DS_ID:23682
 FS_ID:77291
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a 48-inch CMP riser unit on the WS slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the bank. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.28). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.28)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77291_91952.jpg



LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	7.86	Rating **	M	Issue No.	1113 (cont)
LM End	7.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067469 °	38.067469 °
				-121.242214 °	-121.242214 °
DWR ID	23682				

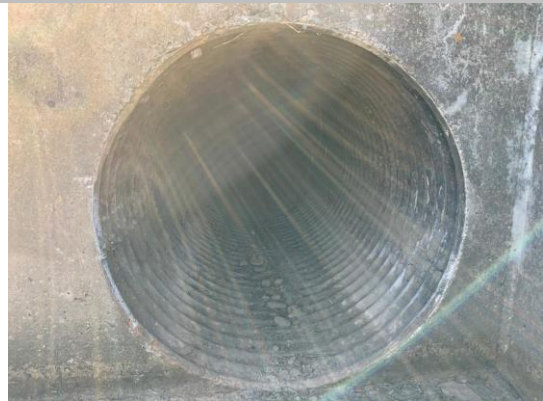
Photo 2 of 3 : UCIP_FA_2022_77291_91953.jpg



LS headwall at toe.

LM Start	7.86	Rating **	M	Issue No.	1113 (cont)
LM End	7.86	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77291_91955.jpg



LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.07	Rating **	M	Issue No.	1114	
LM End	8.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.067486 °	38.067486 °	
				-121.238309 °	-121.238309 °	
DWR ID	23570					
Comment Code						
Inspector Comment						
DS_ID:23570 FS_ID:77292 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.49). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.49), and 612 (addendum), February 1999, (HLM 8.41), (Station 444+00)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77292_91962.jpg



LS headwall at toe from crown.

LM Start	8.07	Rating **	M	Issue No.	1114 (cont)
LM End	8.07	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77292_91963.jpg



LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.07	Rating **	M	Issue No.	1114 (cont)
LM End	8.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067486 °	38.067486 °
				-121.238309 °	-121.238309 °
DWR ID	23570				

Photo 3 of 3 : UCIP_FA_2022_77292_91964.jpg



LS pipe.

LM Start	8.34	Rating **	U	Issue No.	1116
LM End	8.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067959 °	38.067959 °
				-121.233443 °	-121.233443 °
DWR ID	23572				

Comment Code

Inspector Comment

DS_ID:23572
 FS_ID:77296
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded from Non-Urgent to Urgent. Significant peeling of metal and gap inside of LS pipe. DWR DMP has found integrity issues, LOF 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) 05/14/2014 A gap at the joint between pipe sections was noted inside pipe at LS toe. This may indicate a need for further maintenance. (W. Wylie -DWR UCIP)
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.77). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.77)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77296_91987.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.34	Rating **	U	Issue No.	1116 (cont)
LM End	8.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067959 °	38.067959 °
				-121.233443 °	-121.233443 °
DWR ID	23572				

Photo 2 of 3 : UCIP_FA_2022_77296_91988.jpg



LS view: LS headwall at toe.

LM Start	8.34	Rating **	U	Issue No.	1116 (cont)
LM End	8.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77296_91989.jpg



LS view: LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1117	
LM End	8.34	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.067971 °	38.067971 °	
				-121.233350 °	-121.233350 °	
DWR ID	23573					
Comment Code						
Inspector Comment						
DS_ID:23573 FS_ID:77297 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 Pipe status is still Non-Urgent. Significant peeling of metal inside LS pipe in multiple spots. 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.77). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.78)]. FS Date: 2/24/2021						

LM Start	8.34	Rating **	M	Issue No.	1117 (cont)
LM End	8.34	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77297_91996.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77297_91997.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1117 (cont)
LM End	8.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.067971 °	38.067971 °
				-121.233350 °	-121.233350 °
DWR ID	23573				

Photo 3 of 3 : UCIP_FA_2022_77297_91998.jpg



LS view: LS pipe.

LM Start	8.54	Rating **	M	Issue No.	1118
LM End	8.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.068838 °	38.068838 °
				-121.229996 °	-121.229996 °
DWR ID	23574				

Comment Code

Inspector Comment

DS_ID:23574
 FS_ID:77298
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 8.97). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.97), and 612 (addendum), February 1999, (HLM 8.90), (Station 469+82)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77298_92004.jpg



WS view: WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.54	Rating **	M	Issue No.	1118 (cont)
LM End	8.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.068838 °	38.068838 °
				-121.229996 °	-121.229996 °
DWR ID	23574				

Photo 2 of 3 : UCIP_FA_2022_77298_92005.jpg



WS view: WS headwall and flapgate at toe.

LM Start	8.54	Rating **	M	Issue No.	1118 (cont)
LM End	8.54	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77298_92006.jpg



WS view: WS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.73	Rating **	M	Issue No.	1119	
LM End	8.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.070171 °		38.070171 °
				-121.226915 °		-121.226915 °
DWR ID	23576					
Comment Code						
Inspector Comment						
DS_ID:23576 FS_ID:77318 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded 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. Minor flaking off of concrete on the inside edge of LS headwall. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 9.18). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.17), and 612 (addendum), February 1999, (HLM 9.17), (Station 484+30)]. FS Date: 2/24/2021						

LM Start	8.73	Rating **	M	Issue No.	1119 (cont)
LM End	8.73	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77318_92009.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77318_92010.jpg



WS view: WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.73	Rating **	M	Issue No.	1119 (cont)	
LM End	8.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.070171 °	38.070171 °	
				-121.226915 °	-121.226915 °	
DWR ID	23576					

Photo 3 of 3 : UCIP_FA_2022_77318_92012.jpg



WS view: WS flapgate.

LM Start	8.93	Rating **	M	Issue No.	252
LM End	9.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.070289 °	38.070296 °
				-121.223212 °	-121.221478 °
DWR ID	DWR_NA0017_07_f_2022_252				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.96	Rating **	M	Issue No.	1120	
LM End	8.96	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.070330 °	38.070330 °	
				-121.222680 °	-121.222680 °	
DWR ID	23578					
Comment Code						
Inspector Comment						
DS_ID:23578 FS_ID:77302 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 9.41). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.41), and 612 (addendum), February 1999, (HLM 9.37), (Station 494+50)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77302_92030.jpg



LS view: LS headwall at toe from crown.

LM Start	8.96	Rating **	M	Issue No.	1120 (cont)
LM End	8.96	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77302_92029.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	8.96	Rating **	M	Issue No.	1120 (cont)
LM End	8.96	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.070330 °	38.070330 °	
			-121.222680 °	-121.222680 °	
DWR ID	23578				

Photo 3 of 3 : UCIP_FA_2022_77302_92028.jpg



LS view: LS pipe.

LM Start	9.11	Rating **	M	Issue No.	1121
LM End	9.11	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.070367 °	38.070367 °	
			-121.219932 °	-121.219932 °	
DWR ID	23580				

Comment Code

Inspector Comment

DS_ID:23580
 FS_ID:77304
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway and apron. [Additional Reference(s): DWR Levee Log, 1987, (HLM 9.56). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.56), and 612 (addendum), February 1999, (HLM 9.56), (Station 504+71)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77304_92040.jpg



LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.11	Rating **	M	Issue No.	1121 (cont)
LM End	9.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.070367 °	38.070367 °
				-121.219932 °	-121.219932 °
DWR ID	23580				

Photo 2 of 3 : UCIP_FA_2022_77304_92041.jpg



LS headwall at toe.

LM Start	9.11	Rating **	M	Issue No.	1121 (cont)
LM End	9.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77304_92042.jpg



LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.45	Rating **	M	Issue No.	1122	
LM End	9.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.073368 °	38.073368 °	
				-121.215349 °	-121.215349 °	
DWR ID	23582					
Comment Code						
Inspector Comment						
DS_ID:23582 FS_ID:77307 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 9.91). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.91)]. FS Date: 2/24/2021						

LM Start	9.45	Rating **	M	Issue No.	1122 (cont)
LM End	9.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77307_92058.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77307_92059.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.45	Rating **	M	Issue No.	1122 (cont)
LM End	9.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.073368 °	38.073368 °
				-121.215349 °	-121.215349 °
DWR ID	23582				

Photo 3 of 3 : UCIP_FA_2022_77307_92060.jpg



LS view: LS pipe.

LM Start	9.63	Rating **	M	Issue No.	1123	
LM End	9.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.074113 °	38.074113 °	
				-121.212224 °	-121.212224 °	
DWR ID	23583					

Comment Code

Inspector Comment

DS_ID:23583
 FS_ID:77308
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 10.09). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.09), and 612 (addendum), February 1999, (HLM 9.94), (Station 524+90)].
 FS Date: 2/24/2021

Photo 1 of 3 : UCIP_FA_2022_77308_92065.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.63	Rating **	M	Issue No.	1123 (cont)
LM End	9.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.074113 °	38.074113 °
				-121.212224 °	-121.212224 °
DWR ID	23583				

Photo 2 of 3 : UCIP_FA_2022_77308_92066.jpg



LS view: LS headwall at toe.

LM Start	9.63	Rating **	M	Issue No.	1123 (cont)
LM End	9.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77308_92067.jpg



LS view: LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.65	Rating **	M	Issue No.	1124	
LM End	9.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.074201 °	38.074201 °	
				-121.211920 °	-121.211920 °	
DWR ID	23584					
Comment Code						
Inspector Comment						
DS_ID:23584 FS_ID:77310 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded 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. The UCIP inspection was completed with GEI staff, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 10.11). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.11)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77310_92077.jpg



WS view: WS headwall at toe from crown.

LM Start	9.65	Rating **	M	Issue No.	1124 (cont)
LM End	9.65	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77310_92078.jpg



WS view: WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.65	Rating **	M	Issue No.	1124 (cont)
LM End	9.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.074201 °	38.074201 °
				-121.211920 °	-121.211920 °
DWR ID	23584				

Photo 3 of 3 : UCIP_FA_2022_77310_92079.jpg



WS view: WS flapgate.

LM Start	9.69	Rating **	C	Issue No.	265
LM End	9.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.074369 °	38.074369 °
				-121.211060 °	-121.211060 °
DWR ID	DWR_NA0017_07_s_2022_265				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.71	Rating **	M	Issue No.	253	
LM End	9.71	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.074426 °		38.074426 °
				-121.210807 °		-121.210807 °
DWR ID	DWR_NA0017_07_f_2022_253					
Comment Code						
T4 : Trim trees over roadway to at least 12 feet above ground level.						
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.79	Rating **	M	Issue No.	264
LM End	9.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.074756 °	38.074756 °	
			-121.209473 °	-121.209473 °	
DWR ID	DWR_NA0017_07_f_2022_264				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.83	Rating **	M	Issue No.	255
LM End	9.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.075172 °	38.075490 °	
			-121.208989 °	-121.208899 °	
DWR ID	DWR_NA0017_07_f_2021_255				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.93	Rating **	M	Issue No.	273
LM End	10.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.076668 °	38.077671 °	
			-121.208584 °	-121.207646 °	
DWR ID	DWR_NA0017_07_f_2022_273				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
New trees planted along the landside slope.					

Photo 1 of 1 : FA_2022_NA0017_151_273_20221025_00584.jpg



View of newly planted trees along 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.98	Rating **	M	Issue No.	1125	
LM End	9.98	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.077230 °		38.077230 °
				-121.208208 °		-121.208208 °
DWR ID	23585					
Comment Code						
Inspector Comment						
DS_ID:23585 FS_ID:77312 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 Pipe status is still Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987, (HLM 10.45). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.45), and 612 (addendum), February 1999, (HLM 10.46), (Station 552+25)]. FS Date: 2/24/2021						

LM Start	9.98	Rating **	M	Issue No.	1125 (cont)
LM End	9.98	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77312_92096.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77312_92097.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	9.98	Rating **	M	Issue No.	1125 (cont)
LM End	9.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.077230 °	38.077230 °
				-121.208208 °	-121.208208 °
DWR ID	23585				

Photo 3 of 3 : UCIP_FA_2022_77312_92098.jpg



LS view: LS headwall at toe.

LM Start	9.98	Rating **	M	Issue No.	274
LM End	9.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.077238 °	38.077238 °
				-121.208217 °	-121.208217 °
DWR ID	DWR_NA0017_07_f_2022_274				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	10.00	Rating **	C	Issue No.	268
LM End	10.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.077479 °	38.077479 °
				-121.207931 °	-121.207931 °
DWR ID	DWR_NA0017_07_s_2022_268				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.02	Rating **	M	Issue No.	275
LM End	10.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.077694 °	38.078870 °
				-121.207618 °	-121.205661 °
DWR ID	DWR_NA0017_07_f _ 2022_275				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	10.15	Rating **	M	Issue No.	1126	
LM End	10.15	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.078814 °	38.078814 °	
				-121.205762 °	-121.205762 °	
DWR ID	23586					
Comment Code						
Inspector Comment						
DS_ID:23586 FS_ID:77314 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/24/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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, B. Singh. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.62)]. FS Date: 2/24/2021						

Photo 1 of 3 : UCIP_FA_2022_77314_92108.jpg



LS view: LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.15	Rating **	M	Issue No.	1126 (cont)
LM End	10.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.078814 °	38.078814 °
				-121.205762 °	-121.205762 °
DWR ID	23586				

Photo 2 of 3 : UCIP_FA_2022_77314_92109.jpg



LS view: LS headwall at toe.

LM Start	10.15	Rating **	M	Issue No.	1126 (cont)
LM End	10.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77314_92110.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.43	Rating **	M	Issue No.	1127
LM End	10.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.080050 °	38.080050 °
				-121.201087 °	-121.201087 °
DWR ID	23646				
Comment Code					
Inspector Comment					
DS_ID:23646 FS_ID:77319 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend inspection in 5 years. WS flapgate partially covered by vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, M. Mccoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. [Additional Reference(s): DWR Levee Log, 1987, (HLM 10.62). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.91), and 612 (addendum), February 1999, (HLM 10.80), (Station 570+48)]. FS Date: 2/25/2021					

LM Start	10.43	Rating **	M	Issue No.	1127 (cont)
LM End	10.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77319_92115.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77319_92116.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.43	Rating **	M	Issue No.	1127 (cont)
LM End	10.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.080050 °	38.080050 °
				-121.201087 °	-121.201087 °
DWR ID	23646				

Photo 3 of 3 : UCIP_FA_2022_77319_92117.jpg



LS view: LS pipe.

LM Start	10.65	Rating **	M	Issue No.	1128
LM End	10.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.082589 °	38.082589 °
				-121.198521 °	-121.198521 °
DWR ID	23587				

Comment Code

Inspector Comment

DS_ID:23587
 FS_ID:77320
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/25/2021 Pipe status is still Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) 05/14/2014 Silt buildup in pipe at LS toe. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 11.14). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.13)].
 FS Date: 2/25/2021

Photo 1 of 3 : UCIP_FA_2022_77320_92127.jpg



LS view: LS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1128 (cont)
LM End	10.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.082589 °	38.082589 °
				-121.198521 °	-121.198521 °
DWR ID	23587				

Photo 2 of 3 : UCIP_FA_2022_77320_92128.jpg



LS view: LS headwall at toe.

LM Start	10.65	Rating **	M	Issue No.	1128 (cont)
LM End	10.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77320_92129.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.81	Rating **	M	Issue No.	1129	
LM End	10.81	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.084165 °	38.084165 °	
				-121.196427 °	-121.196427 °	
DWR ID	23588					
Comment Code						
Inspector Comment						
DS_ID:23588 FS_ID:77321 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 11.30). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.30), and 612 (addendum), February 1999, (HLM 11.26), (Station 594+46)]. FS Date: 2/25/2021						

LM Start	10.81	Rating **	M	Issue No.	1129 (cont)
LM End	10.81	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77321_92134.jpg



LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77321_92135.jpg



LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	10.81	Rating **	M	Issue No.	1129 (cont)
LM End	10.81	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.084165 °	38.084165 °
				-121.196427 °	-121.196427 °
DWR ID	23588				

Photo 3 of 3 : UCIP_FA_2022_77321_92136.jpg



LS pipe, minor vegetation inside pipe.

LM Start	11.27	Rating **	M	Issue No.	1131
LM End	11.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.087249 °	38.087249 °
				-121.189337 °	-121.189337 °
DWR ID	23590				

Comment Code

Inspector Comment

DS_ID:23590
 FS_ID:77325
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 11.78). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.78)].
 FS Date: 2/25/2021

Photo 1 of 3 : UCIP_FA_2022_77325_92218.jpg



LS view: LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.27	Rating **	M	Issue No.	1131 (cont)
LM End	11.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.087249 °	38.087249 °
				-121.189337 °	-121.189337 °
DWR ID	23590				

Photo 2 of 3 : UCIP_FA_2022_77325_92219.jpg



LS view: LS headwall at toe.

LM Start	11.27	Rating **	M	Issue No.	1131 (cont)
LM End	11.27	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77325_92220.jpg



LS view: LS pipe.

LM Start	11.67	Rating **	M	Issue No.	276
LM End	11.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.091298 °	38.091298 °
				-121.184921 °	-121.184921 °
DWR ID	DWR_NA0017_07_f_2022_276				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.79	Rating **	M	Issue No.	1134	
LM End	11.79	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.092076 °	38.092076 °	
				-121.183118 °	-121.183118 °	
DWR ID	23593					
Comment Code						
Inspector Comment						
DS_ID:23593 FS_ID:77329 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 Pipe status is still Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) 05/14/2014 Some rocky debris buildup inside pipe on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.30). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.30)]. FS Date: 2/25/2021						

Photo 1 of 3 : UCIP_FA_2022_77329_92239.jpg



WS headwall at toe from crown.

LM Start	11.79	Rating **	M	Issue No.	1134 (cont)
LM End	11.79	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77329_92240.jpg



WS headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.79	Rating **	M	Issue No.	1134 (cont)
LM End	11.79	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.092076 °	38.092076 °
				-121.183118 °	-121.183118 °
DWR ID	23593				

Photo 3 of 3 : UCIP_FA_2022_77329_92241.jpg



WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.88	Rating **	M	Issue No.	1135	
LM End	11.88	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.092270 °	38.092270 °	
				-121.181332 °	-121.181332 °	
DWR ID	23594					
Comment Code						
Inspector Comment						
DS_ID:23594 FS_ID:77330 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. In August 2018, under the DWR DMP efforts the internal inspection found integrity issues, LOF between 5 and 6. According to Mr. Eric Ambriz, with San Joaquin County, Caltrans completed the slip Snap-Tite lining effort in October 2018. There is currently no post install inspection of the Snap-Tite lining. Unable to locate permit for sleeving PVC pipe. No permit was found authorizing original 24-inch CMP. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, M. McCoy. (H. Dunn – GEI) 10/10/2018 20-inch Snap-Tite lining pipes were sleeved through the damaged 24-inch CMP culvert. Annular space was pressure grouted. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) sleeved with a 20-inch Snap-Tite culvert lining pipe through the levee, 7.5 feet below the crown. Annular space pressure grouted. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on each end. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.40). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.40)]. FS Date: 2/25/2021						

LM Start	11.88	Rating **	M	Issue No.	1135 (cont)
LM End	11.88	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77330_92247.jpg



WS view: WS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77330_92248.jpg



WS view: WS headwall and flapgate at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.88	Rating **	M	Issue No.	1135 (cont)
LM End	11.88	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.092270 °	38.092270 °	
			-121.181332 °	-121.181332 °	
DWR ID	23594				

Photo 3 of 3 : UCIP_FA_2022_77330_92249.jpg



WS view: WS flapgate.

LM Start	11.90	Rating **	M	Issue No.	1136
LM End	11.90	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.092293 °	38.092293 °	
			-121.181078 °	-121.181078 °	
DWR ID	23505				

Comment Code

Inspector Comment

DS_ID:23505
 FS_ID:77331
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. Edges of LS pipe are warped. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.42). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.42)].
 FS Date: 2/25/2021

Photo 1 of 3 : UCIP_FA_2022_77331_92256.jpg



WS view: WS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	11.90	Rating **	M	Issue No.	1136 (cont)
LM End	11.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.092293 °	38.092293 °
				-121.181078 °	-121.181078 °
DWR ID	23505				

Photo 2 of 3 : UCIP_FA_2022_77331_92257.jpg



WS view: WS headwall and flapgate at toe.

LM Start	11.90	Rating **	M	Issue No.	1136 (cont)
LM End	11.90	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77331_92258.jpg



WS view: WS flapgate.

LM Start	11.92	Rating **	M	Issue No.	277
LM End	12.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.092359 °	38.096416 °
				-121.180680 °	-121.176654 °
DWR ID	DWR_NA0017_07_f_2022_277				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.12	Rating **	M	Issue No.	1137	
LM End	12.12	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.093170 °	38.093170 °	
				-121.177313 °	-121.177313 °	
DWR ID	23507					
Comment Code						
Inspector Comment						
DS_ID:23507 FS_ID:77333 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.64). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.64), and 612 (addendum), February 1999, (HLM 12.61), (Station 666+02)]. FS Date: 2/25/2021						

LM Start	12.12	Rating **	M	Issue No.	1137 (cont)
LM End	12.12	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77333_92274.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77333_92276.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.12	Rating **	M	Issue No.	1137 (cont)
LM End	12.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.093170 °	38.093170 °
				-121.177313 °	-121.177313 °
DWR ID	23507				

Photo 3 of 3 : UCIP_FA_2022_77333_92275.jpg



LS view: LS headwall at toe.

LM Start	12.19	Rating **	M	Issue No.	1138
LM End	12.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094163 °	38.094163 °
				-121.176824 °	-121.176824 °
DWR ID	23508				

Comment Code

Inspector Comment

DS_ID:23508
 FS_ID:77334
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/25/2021 The record has been upgraded 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. Recommend maintenance to clear up sediment buildup through LS pipe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, M. McCoy. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.72). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.72), and 612 (addendum), February 1999, (HLM 12.71), (Station 671+24)].
 FS Date: 2/25/2021

Photo 1 of 3 : UCIP_FA_2022_77334_92282.jpg



LS view: LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.19	Rating **	M	Issue No.	1138 (cont)
LM End	12.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094163 °	38.094163 °
				-121.176824 °	-121.176824 °
DWR ID	23508				

Photo 2 of 3 : UCIP_FA_2022_77334_68555.jpg



Pipe and headwall at LS toe.

LM Start	12.19	Rating **	M	Issue No.	1138 (cont)
LM End	12.19	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77334_68554.jpg



Pipe, flapgate, headwall, and grouted spillway 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.21	Rating **	M	Issue No.	1139	
LM End	12.21	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094456 °	38.094456 °	
				-121.176806 °	-121.176806 °	
DWR ID	23509					
Comment Code						
Inspector Comment						
DS_ID:23509 FS_ID:77335 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 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 LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 12.74). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.74), and 612 (addendum), February 1999, (HLM 12.73), (Station 672+05)]. FS Date: 2/25/2021						

LM Start	12.21	Rating **	M	Issue No.	1139 (cont)
LM End	12.21	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77335_92291.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77335_95682.jpg



LS view: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.21	Rating **	M	Issue No.	1139 (cont)
LM End	12.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094456 °	38.094456 °
				-121.176806 °	-121.176806 °
DWR ID	23509				

Photo 3 of 3 : UCIP_FA_2022_77335_95683.jpg



LS view: Pipe inlet, 1 of 2 photos.

LM Start	12.39	Rating **	M	Issue No.	278
LM End	12.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.096989 °	38.096989 °
				-121.176583 °	-121.176583 °
DWR ID	DWR_NA0017_07_f_2022_278				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	12.42	Rating **	M	Issue No.	279
LM End	12.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097532 °	38.098949 °
				-121.176462 °	-121.176321 °
DWR ID	DWR_NA0017_07_f_2022_279				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.67	Rating **	M	Issue No.	219
LM End	12.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.100806 °	38.100806 °
				-121.177500 °	-121.177500 °
DWR ID	DWR_NA0017_07_s _ 2021_219				
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

LM Start	12.70	Rating **	M	Issue No.	280
LM End	12.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.101256 °	38.101256 °
				-121.177732 °	-121.177732 °
DWR ID	DWR_NA0017_07_f _ 2022_280				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.74	Rating **	M	Issue No.	1141
LM End	12.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101797 °	38.101797 °
				-121.177750 °	-121.177750 °
DWR ID	23512				
Comment Code					
Inspector Comment					
DS_ID:23512 FS_ID:77340 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 13.29). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.29)]. FS Date: 2/25/2021					

Photo 1 of 3 : UCIP_FA_2022_77340_92340.jpg



LS view: LS headwall at toe from crown.

LM Start	12.74	Rating **	M	Issue No.	1141 (cont)
LM End	12.74	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77340_92341.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	12.74	Rating **	M	Issue No.	1141 (cont)
LM End	12.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101797 °	38.101797 °
				-121.177750 °	-121.177750 °
DWR ID	23512				

Photo 3 of 3 : UCIP_FA_2022_77340_92342.jpg



LS view: LS pipe.

LM Start	12.79	Rating **	M	Issue No.	271
LM End	12.79	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.102489 °	38.102489 °
				-121.177780 °	-121.177780 °
DWR ID	DWR_NA0017_07_s_2022_271				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.09	Rating **	M	Issue No.	1142	
LM End	13.09	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.106393 °	38.106393 °	
				-121.175587 °	-121.175587 °	
DWR ID	23597					
Comment Code						
Inspector Comment						
DS_ID:23597 FS_ID:77346 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, M. McCoy. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 13.64). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.64)]. FS Date: 2/25/2021						

Photo 1 of 3 : UCIP_FA_2022_77346_92446.jpg



LS view: LS headwall at toe from crown.

LM Start	13.09	Rating **	M	Issue No.	1142 (cont)
LM End	13.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77346_92447.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.09	Rating **	M	Issue No.	1142 (cont)
LM End	13.09	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.106393 °	38.106393 °	
			-121.175587 °	-121.175587 °	
DWR ID	23597				

Photo 3 of 3 : UCIP_FA_2022_77346_92448.jpg



LS view: LS pipe.

LM Start	13.48	Rating **	M	Issue No.	1143
LM End	13.48	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.111310 °	38.111310 °	
			-121.172760 °	-121.172760 °	
DWR ID	23598				

Comment Code

Inspector Comment

DS_ID:23598
 FS_ID:77347
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.04). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.04)].
 FS Date: 2/26/2021

Photo 1 of 3 : UCIP_FA_2022_77347_92704.jpg



LS headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.48	Rating **	M	Issue No.	1143 (cont)
LM End	13.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111310 °	38.111310 °
				-121.172760 °	-121.172760 °
DWR ID	23598				

Photo 2 of 3 : UCIP_FA_2022_77347_92705.jpg



LS headwall at toe.

LM Start	13.48	Rating **	M	Issue No.	1143 (cont)
LM End	13.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77347_92706.jpg



LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.82	Rating **	M	Issue No.	1144
LM End	13.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116150 °	38.116150 °
				-121.172220 °	-121.172220 °
DWR ID	23600				
Comment Code					
Inspector Comment					
DS_ID:23600 FS_ID:77350 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.37). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.37)]. FS Date: 2/26/2021					

Photo 1 of 3 : UCIP_FA_2022_77350_92726.jpg



LS view: LS headwall at toe from crown.

LM Start	13.82	Rating **	M	Issue No.	1144 (cont)
LM End	13.82	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77350_92727.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.82	Rating **	M	Issue No.	1144 (cont)
LM End	13.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116150 °	38.116150 °
				-121.172220 °	-121.172220 °
DWR ID	23600				

Photo 3 of 3 : UCIP_FA_2022_77350_92728.jpg



LS view: LS pipe.

LM Start	13.84	Rating **	M	Issue No.	1145
LM End	13.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116423 °	38.116423 °
				-121.172178 °	-121.172178 °
DWR ID	23601				

Comment Code

Inspector Comment

DS_ID:23601
 FS_ID:77352
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/26/2021 Record 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. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Cobble grouted spillway. 24-inch CMP drop inlet and cobble grouted intake on the landside (LS), no headwall. (Drainage ditch and 12-inch culverts adjacent to levee installed under Permit No. 12659, 1979 - Richard Stasand). [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.39). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.39)].
 FS Date: 2/26/2021

Photo 1 of 3 : UCIP_FA_2022_77352_92737.jpg



LS view: LS toe inlet, surrounded by 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.84	Rating **	M	Issue No.	1145 (cont)
LM End	13.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116423 °	38.116423 °
				-121.172178 °	-121.172178 °
DWR ID	23601				

Photo 2 of 3 : UCIP_FA_2022_77352_92738.jpg



LS view: LS toe pipe and inlet.

LM Start	13.84	Rating **	M	Issue No.	1145 (cont)
LM End	13.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77352_92733.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.87	Rating **	U	Issue No.	1146
LM End	13.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116869 °	38.116869 °
				-121.172078 °	-121.172078 °
DWR ID	23602				
Comment Code					
Inspector Comment					
DS_ID:23602 FS_ID:77353 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/26/2021 Record has been updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Recommend monitoring crossing until funding becomes available to address. LS spillway is slightly overgrown with vegetation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. LS flap gate is broken and needs repair. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe (CMP) through the levee, 1.0 foot below the crown. Cobble grouted inlet at fish pond on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1987, (HLM 14.42), 7-inch pipe listed. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.42), 7-inch pipe listed]. FS Date: 2/26/2021					

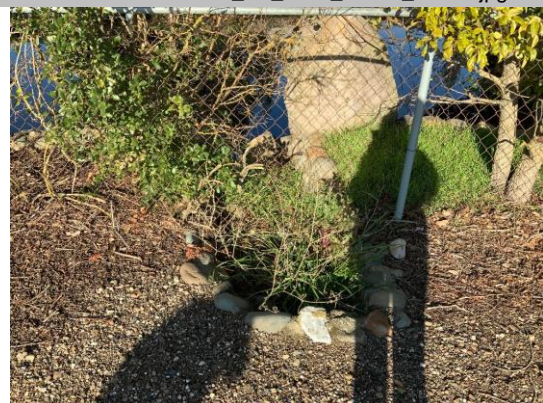
LM Start	13.87	Rating **	U	Issue No.	1146 (cont)
LM End	13.87	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77353_92758.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_77353_92759.jpg



LS view: LS inlet 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	13.87	Rating **	U	Issue No.	1146 (cont)
LM End	13.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116869 °	38.116869 °
				-121.172078 °	-121.172078 °
DWR ID	23602				

Photo 3 of 3 : UCIP_FA_2022_77353_92760.jpg



LS view: LS pipe at toe.

LM Start	14.01	Rating **	U	Issue No.	179
LM End	14.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.118779 °	38.118779 °
				-121.171325 °	-121.171325 °
DWR ID	DWR_NA0017_07_s_2018_179				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on the waterside is caused by 2 pipe outlets.					

Photo 1 of 2 : FA_2022_NA0017_151_179_20220919_00017.jpg



NA17 SJCF&WCD Unit 7 Issue 179 LM14.01 erosion waterside photo from opposite side of channel looking west.

LM Start	14.01	Rating **	U	Issue No.	179 (cont)
LM End	14.01	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2022_NA0017_151_179_20221025_00587.jpg



View of erosion 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	14.45	Rating **	M	Issue No.	1147
LM End	14.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.124667 °	38.124667 °
				-121.169038 °	-121.169038 °
DWR ID	23604				
Comment Code					
Inspector Comment					
DS_ID:23604 FS_ID:77357 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/26/2021 Record remains Non-Urgent. Unit 7 – Bear Creek (CLM 13.95 to 14.90) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 13.95 to 14.90 of Unit 7 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP has found integrity issues, LOF between 4 and 5. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner.. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn – GEI) 05/12/2014 No flapgate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch reinforced concrete drainage pipe (RCP) through the levee, 9.0 feet below the crown. Concrete headwall with trash rack on the landside (LS). Cobble grouted intake on the LS. Cobble grouted spillway on the waterside (WS). Open on both ends. [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.00). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.00)]. FS Date: 2/26/2021					

LM Start	14.45	Rating **	M	Issue No.	1147 (cont)
LM End	14.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77357_92790.jpg



LS view: LS headwall off of the toe.

Photo 2 of 3 : UCIP_FA_2022_77357_92791.jpg



LS view: LS headwall, gate adjar, no 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	14.45	Rating **	M	Issue No.	1147 (cont)
LM End	14.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.124667 °	38.124667 °
				-121.169038 °	-121.169038 °
DWR ID	23604				

Photo 3 of 3 : UCIP_FA_2022_77357_92792.jpg



LS view: LS pipe.

LM Start	14.54	Rating **	M	Issue No.	1148
LM End	14.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.125671 °	38.125671 °
				-121.167975 °	-121.167975 °
DWR ID	23605				

Comment Code

Inspector Comment

DS_ID:23605
 FS_ID:77359
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 11, Maintenance Compliance Issue
 Crossing Status: Found
 UCIP Comments: 02/26/2021 Record remains Non-Urgent. Unit 7 – Bear Creek (CLM 13.95 to 14.90) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 13.95 to 14.90 of Unit 7 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to address. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn – GEI)

05/12/2014 No flapgate. Pipe not visible on LS. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: *HIGH GROUND* 14-inch reinforced concrete drainage pipe (RCP) through the levee, 4.7 feet below the crown. Cobble grouted spillway on the waterside (WS). Open on both ends.
 [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.10), 12-inch pipe listed. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.10), 12-inch pipe listed].
 FS Date: 2/26/2021

Photo 1 of 3 : UCIP_FA_2022_77359_92809.jpg



LS toe from crown, pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	14.54	Rating **	M	Issue No.	1148 (cont)	
LM End	14.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.125671 °	38.125671 °	
				-121.167975 °	-121.167975 °	
DWR ID	23605					

Photo 2 of 3 : UCIP_FA_2022_77359_92805.jpg



Levee crown looking upstream.

LM Start	14.54	Rating **	M	Issue No.	1148 (cont)
LM End	14.54	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77359_92806.jpg



WS view: WS pipe 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	14.93	Rating **	M	Issue No.	1149
LM End	14.93	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.127941 °	38.127941 °
				-121.161531 °	-121.161531 °
DWR ID	23607				
Comment Code					
Inspector Comment					
DS_ID:23607 FS_ID:77361 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.51). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.50)]. FS Date: 2/26/2021					

Photo 1 of 3 : UCIP_FA_2022_77361_92824.jpg



LS view: LS headwall at toe from crown.

LM Start	14.93	Rating **	M	Issue No.	1149 (cont)
LM End	14.93	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77361_92825.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	14.93	Rating **	M	Issue No.	1149 (cont)
LM End	14.93	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.127941 °	38.127941 °	
			-121.161531 °	-121.161531 °	
DWR ID	23607				

Photo 3 of 3 : UCIP_FA_2022_77361_92826.jpg



LS view: LS pipe, vegetation debris covering pipe.

LM Start	15.07	Rating **	A/W	Issue No.	2
LM End	15.08	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.129523 °	38.129523 °	
			-121.159800 °	-121.159800 °	
DWR ID	NA0017U07RM22.33				

Comment Code

Inspector Comment

Site ID: NA0017U07RM22.33

*This area is patrol road only and therefore the site is not rated
07/13/2022: No significant changes were observed during the annual survey.

06/22/2021: The site was discovered during the field survey. The erosion is immediately downstream of a bend. There is visible undercutting and caving approximately 5 ft below the crown with a scarp height of 3 ft.

Photo 1 of 2 : SJR2022_NA0017U07RM22.33_4.jpg



7/13/2022: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.07	Rating **	A/W	Issue No.	2 (cont)
LM End	15.08	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.129523 °	38.129523 °	
			-121.159800 °	-121.159800 °	
DWR ID	NA0017U07RM22.33				

Photo 2 of 2 : SJR2022_NA0017U07RM22.33_5.jpg



7/13/2022: View of the erosion looking upstream.

LM Start	15.10	Rating **	M	Issue No.	1151
LM End	15.10	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.129803 °	38.129803 °	
			-121.159474 °	-121.159474 °	
DWR ID	23609				

Comment Code

Inspector Comment

DS_ID:23609

FS_ID:77367

EP_NO: N/A

Repair Type: Non-Urgent

EVAL Issue:

Crossing Status: Found

UCIP Comments: 02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI)

05/12/2014 Rodent hole on crown side of headwall on WS slope. (W. Wylie - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.68). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.68)]. FS Date: 2/26/2021

Photo 1 of 3 : UCIP_FA_2022_77367_92893.jpg



WS view: WS headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.10	Rating **	M	Issue No.	1151 (cont)
LM End	15.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.129803 °	38.129803 °
				-121.159474 °	-121.159474 °
DWR ID	23609				

Photo 2 of 3 : UCIP_FA_2022_77367_92894.jpg



WS view: WS headwall and flapgate at toe.

LM Start	15.10	Rating **	M	Issue No.	1151 (cont)
LM End	15.10	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77367_92895.jpg



WS view: WS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.22	Rating **	M	Issue No.	1152	
LM End	15.22	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.130318 °	38.130318 °	
				-121.157417 °	-121.157417 °	
DWR ID	23610					
Comment Code						
Inspector Comment						
DS_ID:23610 FS_ID:77381 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/26/2021 Pipe status is still Non-Urgent. LS inlet only has wiring covering it, no cover or riser, safety concern. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI) 05/12/2014 No inlet cover or grate at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 11.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. 24-inch CMP riser unit/drop inlet on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.80). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.80)]. FS Date: 2/26/2021						

LM Start	15.22	Rating **	M	Issue No.	1152 (cont)
LM End	15.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77381_92905.jpg



LS view: LS toe from crown, pipe inlet with no riser.

Photo 2 of 3 : UCIP_FA_2022_77381_92906.jpg



LS view: LS pipe inlet, no cover, safety concern.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.22	Rating **	M	Issue No.	1152 (cont)
LM End	15.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130318 °	38.130318 °
				-121.157417 °	-121.157417 °
DWR ID	23610				

Photo 3 of 3 : UCIP_FA_2022_77381_92907.jpg



LS view: LS pipe inlet at toe, safety concern.

LM Start	15.29	Rating **	M	Issue No.	258
LM End	15.29	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.130319 °	38.130319 °
				-121.156006 °	-121.156006 °
DWR ID	DWR_NA0017_07_f_2021_258				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_151_258_20220919_00029.jpg



View of depression within the crown surface. Fall 2021

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.31	Rating **	M	Issue No.	1153	
LM End	15.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.130361 °	38.130361 °	
				-121.155686 °	-121.155686 °	
DWR ID	23611					
Comment Code						
Inspector Comment						
DS_ID:23611 FS_ID:77369 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/26/2021 The record has been upgraded from No Action Needed to Non-Urgent. Some peeling away of metal on inside edge of WS pipe. DWR DMP has not found internal issues, LOF between 1 and 2. Recommend 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 LMA representative, J. Caruso. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 15.90). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.90)]. FS Date: 2/26/2021						

LM Start	15.31	Rating **	M	Issue No.	1153 (cont)
LM End	15.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77369_92920.jpg



LS view: LS headwall at toe from crown.

Photo 2 of 3 : UCIP_FA_2022_77369_92921.jpg



LS view: LS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.31	Rating **	M	Issue No.	1153 (cont)
LM End	15.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130361 °	38.130361 °
				-121.155686 °	-121.155686 °
DWR ID	23611				

Photo 3 of 3 : UCIP_FA_2022_77369_92922.jpg



LS view: LS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.51	Rating **	M	Issue No.	1154
LM End	15.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.132632 °	38.132632 °
				-121.153838 °	-121.153838 °
DWR ID	23612				
Comment Code					
Inspector Comment					
DS_ID:23612 FS_ID:77380 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/26/2021 Record remains Non-Urgent. Unit 7 – Bear Creek (CLM 15.50 to 16.13) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 15.50 to 16.13 of Unit 7 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends and LS pipe edges are severely bent, recommend maintenance. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn - GEI) 09/18/2018 Levee is so short that it's almost nonexistent. Pipe goes just under levee and acts as an open storm drain. Inlet is bent down. There is a flooding potential because this pipe is open and goes straight through the levee; therefore, this crossing remains "Urgent." (A. McDonald - DWR UCIP)04/20/2017 Pipe is open on both ends. Requires a positive closure device. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage culvert pipe (CMP) through the levee, 1.5 feet below the crown. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987, (HLM 16.09). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.10)]. FS Date: 2/26/2021					

Photo 1 of 3 : UCIP_FA_2022_77380_92931.jpg



LS view: LS pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.51	Rating **	M	Issue No.	1154 (cont)
LM End	15.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.132632 °	38.132632 °
				-121.153838 °	-121.153838 °
DWR ID	23612				

Photo 2 of 3 : UCIP_FA_2022_77380_92924.jpg



LS view: LS pipe at toe.

LM Start	15.51	Rating **	M	Issue No.	1154 (cont)
LM End	15.51	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77380_92925.jpg



LS view: LS pipe, severely bent.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.73	Rating **	M	Issue No.	1155	
LM End	15.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.135676 °	38.135676 °	
				-121.152769 °	-121.152769 °	
DWR ID	23614					
Comment Code						
Inspector Comment						
DS_ID:23614 FS_ID:77372 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 02/26/2021 Record remains Non-Urgent. Unit 7 – Bear Creek (CLM 15.50 to 16.13) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 15.50 to 16.13 of Unit 7 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Pipe is barely a foot below crown and open on both WS and LS toes. WS has bad erosion and large burrow holes under and around it, recommend maintenance for open pipe and erosion. Pipe is surrounded by large pieces of broken concrete. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (H. Dunn – GEI) 009/18/2018 Levee is so short that it's almost nonexistent. Pipe goes just under levee and acts as an open storm drain. There is a flooding potential because this pipe is open and goes straight through the levee; therefore, this crossing remains "Urgent." (A. McDonald - DWR UCIP)04/20/2017 Pipe is open on both ends. Requires a positive closure device. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage culvert pipe (CMP) through the levee, 2.0 feet below the crown. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987, (HLM 16.32). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.32)]. FS Date: 2/26/2021						

Photo 1 of 3 : UCIP_FA_2022_77372_92948.jpg



LS view: LS pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.11	10/04/2022 10/04/2022	Alberto De Leon

LM Start	15.73	Rating **	M	Issue No.	1155 (cont)
LM End	15.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.135676 °	38.135676 °
				-121.152769 °	-121.152769 °
DWR ID	23614				

Photo 2 of 3 : UCIP_FA_2022_77372_92940.jpg



LS view: LS pipe, some bending on top.

LM Start	15.73	Rating **	M	Issue No.	1155 (cont)
LM End	15.73	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77372_92946.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	1.13	Rating **	M	Issue No.	225
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.042987 °	38.042942 °	
			-121.363486 °	-121.362077 °	
DWR ID	DWR_NA0017_08_f_2022_225				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.28	Rating **	M	Issue No.	221
LM End	1.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.042917 °	38.042752 °	
			-121.360794 °	-121.352975 °	
DWR ID	DWR_NA0017_08_f_2022_221				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.93	Rating **	M	Issue No.	235
LM End	1.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042792 °	38.042792 °	
			-121.348793 °	-121.348793 °	
DWR ID	DWR_NA0017_08_s_2022_235				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.03	Rating **	M	Issue No.	234
LM End	2.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042783 °	38.042783 °
				-121.346993 °	-121.346993 °
DWR ID	DWR_NA0017_08_s _ 2022_234				
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

LM Start	2.15	Rating **	M	Issue No.	217
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042747 °	38.042747 °
				-121.344863 °	-121.344863 °
DWR ID	DWR_NA0017_08_f _ 2022_217				
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 N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	1108	
LM End	2.15	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.042769 °	38.042769 °	
				-121.344760 °	-121.344760 °	
DWR ID	23731					
Comment Code						
Inspector Comment						
DS_ID:23731 FS_ID:77442 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Briar bush overgrowth limiting visual of WS toe. Working meter and control panel belonging Rancho San Joaquin Maintenance District Storm Water Facility at LS toe. LMA representative indicated utility belongs to the City of Stockton. The UCIP inspection was completed with DWR Inspector, O. Magana, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: [Rancho San Joaquin Maintenance District Storm Water Facility] 1 of 2: 10-inch soil proofed steel drainage pipe through the levee, 3.0 feet below the crown. Flap gates on the waterside (WS) end. Siphon breaker inside a 24-inch corrugated metal pipe (CMP) riser unit on the WS slope. Pumps mounted over a 6-foot by 7-foot concrete sump at the landside (LS) toe. Pole and electrical panel at the same location. [Additional Reference(s): DWR Levee Log, 1990, (HLM 2.18). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.18)]. FS Date: 2/16/2021						

LM Start	2.15	Rating **	M	Issue No.	1108 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77442_93420.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77442_93422.jpg



LS View: Pipe visible at LS toe. Electrical control panel and post adjacent to utility.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	1108 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042769 °	38.042769 °
				-121.344760 °	-121.344760 °
DWR ID	23731				

Photo 3 of 3 : UCIP_FA_2022_77442_93426.jpg



WS View: Briar bush overgrowth limiting visual of WS toe.

LM Start	2.15	Rating **	M	Issue No.	1109
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042760 °	38.042760 °
				-121.344750 °	-121.344750 °
DWR ID	23821				

Comment Code

Inspector Comment

DS_ID:23821
 FS_ID:77443
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/16/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Briar bush overgrowth limiting visual of WS toe. Working meter and control panel belonging Rancho San Joaquin Maintenance District Storm Water Facility at LS toe. LMA representative indicated utility belongs to the City of Stockton. The UCIP inspection was completed with DWR Inspector, O. Magana, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: [Rancho San Joaquin Maintenance District Storm Water Facility] 2 of 2: 10-inch soil proofed steel drainage pipe through the levee, 3.0 feet below the crown. Flap gate on the waterside (WS) end. Siphon breaker inside a 24-inch corrugated metal pipe (CMP) riser unit on the WS shoulder. Pumps mounted over a 6-foot by 7-foot concrete sump at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1990, (HLM 2.18). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.18)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77443_93411.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	1109 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042760 °	38.042760 °
				-121.344750 °	-121.344750 °
DWR ID	23821				

Photo 2 of 3 : UCIP_FA_2022_77443_93415.jpg



LS View: Pipe visible at LS toe. Electrical panel and post adjacent to pipe.

LM Start	2.15	Rating **	M	Issue No.	1109 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77443_93419.jpg



WS View: Briar bush overgrowth limiting visual of WS toe.

LM Start	2.24	Rating **	M	Issue No.	211
LM End	2.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042736 °	38.042736 °
				-121.343175 °	-121.343175 °
DWR ID	DWR_NA0017_08_f_2022_211				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.38	Rating **	N	Issue No.	168
LM End	2.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042764 °	38.042764 °
				-121.340611 °	-121.340611 °
DWR ID	DWR_NA0017_08_s_2017_168				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	2.50	Rating **	N	Issue No.	12
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042749 °	38.042749 °
				-121.338402 °	-121.338402 °
DWR ID	DWR_NA0017_08_s_2012_12				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_152_12_20220919_00003.jpg



View of stumps along the landward toe looking upstream.

LM Start	2.50	Rating **	M	Issue No.	193
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042733 °	38.042736 °
				-121.338339 °	-121.336825 °
DWR ID	DWR_NA0017_08_f_2022_193				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.52	Rating **	N	Issue No.	36
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042739 °	38.042739 °
				-121.340100 °	-121.340100 °
DWR ID	DWR_NA0017_08_s_2012_36				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	2.61	Rating **	M	Issue No.	190
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042718 °	38.042697 °
				-121.336382 °	-121.332243 °
DWR ID	DWR_NA0017_08_f_2022_190				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.75	Rating **	C	Issue No.	228
LM End	2.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042694 °	38.042694 °
				-121.333793 °	-121.333793 °
DWR ID	DWR_NA0017_08_s_2022_228				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	2.94	Rating **	M	Issue No.	188
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042670 °	38.042670 °
				-121.330222 °	-121.330222 °
DWR ID	DWR_NA0017_08_f_2022_188				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.01	Rating **	M	Issue No.	187
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042647 °	38.042647 °
				-121.329073 °	-121.329073 °
DWR ID	DWR_NA0017_08_f_2022_187				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.03	Rating **	M	Issue No.	185
LM End	3.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042653 °	38.042653 °
				-121.328597 °	-121.328597 °
DWR ID	DWR_NA0017_08_f_2022_185				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	3.25	Rating **	M	Issue No.	177
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042643 °	38.042643 °
				-121.324673 °	-121.324673 °
DWR ID	DWR_NA0017_08_f_2022_177				
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

LM Start	3.65	Rating **	M	Issue No.	1111	
LM End	3.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.042660 °	38.042660 °	
				-121.317222 °	-121.317222 °	
DWR ID	23734					
Comment Code						
Inspector Comment						
DS_ID:23734 FS_ID:77457 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 Record was 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. Crack in headwall concrete visible on LS. Brush covering pipe opening on LS. Debris covering WS flapgate. The UCIP inspection was completed with DWR Inspector, O. Magana, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 7.4 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 3.73). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.73)]. FS Date: 2/16/2021						

Photo 1 of 3 : UCIP_FA_2022_77457_93342.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	3.65	Rating **	M	Issue No.	1111 (cont)
LM End	3.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042660 °	38.042660 °
				-121.317222 °	-121.317222 °
DWR ID	23734				

Photo 2 of 3 : UCIP_FA_2022_77457_93344.jpg



LS View: Headwall at LS toe.

LM Start	3.65	Rating **	M	Issue No.	1111 (cont)
LM End	3.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77457_93346.jpg



WS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	3.71	Rating **	M	Issue No.	1112
LM End	3.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042625 °	38.042625 °
				-121.316274 °	-121.316274 °
DWR ID	23808				
Comment Code					
Inspector Comment					
DS_ID:23808 FS_ID:77460 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/16/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, O. Magana, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch concrete storm drainage pipe through the levee, 9.0 feet below the crown. Slide gate inside a 72-inch concrete standpipe on the waterside (WS) shoulder. Concrete U-shaped headwalls on both slopes. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 3.92), (Station 206+75)]. FS Date: 2/16/2021					

LM Start	3.71	Rating **	M	Issue No.	1112 (cont)
LM End	3.71	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77460_93324.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77460_93330.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	3.71	Rating **	M	Issue No.	1112 (cont)
LM End	3.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042625 °	38.042625 °
				-121.316274 °	-121.316274 °
DWR ID	23808				

Photo 3 of 3 : UCIP_FA_2022_77460_93331.jpg



LS View: Inside pipe at LS toe.

LM Start	4.55	Rating **	M	Issue No.	1113
LM End	4.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042748 °	38.042748 °
				-121.300834 °	-121.300834 °
DWR ID	23736				

Comment Code

Inspector Comment

DS_ID:23736
 FS_ID:77463
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/16/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, O. Magana, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 4.65). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.65), and 612 (addendum), February 1999, (HLM 4.82), (Station 254+24)].
 FS Date: 2/16/2021

Photo 1 of 3 : UCIP_FA_2022_77463_93307.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	4.55	Rating **	M	Issue No.	1113 (cont)
LM End	4.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.042748 °	38.042748 °
				-121.300834 °	-121.300834 °
DWR ID	23736				

Photo 2 of 3 : UCIP_FA_2022_77463_93309.jpg



LS View: Headwall at LS toe.

LM Start	4.55	Rating **	M	Issue No.	1113 (cont)
LM End	4.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77463_93313.jpg



WS View: Headwall and flapgate at WS slope. Debris present.

LM Start	4.60	Rating **	A/W	Issue No.	224
LM End	4.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			38.043063 °	38.043063 °
				-121.300146 °	-121.300146 °
DWR ID	DWR_NA0017_08_s_2022_224				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	4.71	Rating **	M	Issue No.	223
LM End	4.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043823 °	38.043823 °
				-121.298409 °	-121.298409 °
DWR ID	DWR_NA0017_08_s_2022_223				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.74	Rating **	M	Issue No.	140
LM End	4.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043851 °	38.043869 °
				-121.297844 °	-121.297479 °
DWR ID	DWR_NA0017_08_s_2019_140				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.79	Rating **	M	Issue No.	145
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043893 °	38.043907 °
				-121.296922 °	-121.296700 °
DWR ID	DWR_NA0017_08_f_2020_145				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	4.82	Rating **	M	Issue No.	176
LM End	4.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.043922 °	38.043922 °
				-121.296355 °	-121.296355 °
DWR ID	DWR_NA0017_08_f_2022_176				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.56	Rating **	M	Issue No.	1116	
LM End	5.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.050122 °	38.050122 °	
				-121.286318 °	-121.286318 °	
DWR ID	23709					
Comment Code						
Inspector Comment						
DS_ID:23709						
FS_ID:77475						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 02/18/2021 Record was 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. LS pipe interior coating is						
weathering slightly. Small piece of concrete is broken off headwall on						
LS, not a integrity issue. The UCIP inspection was completed with						
DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N.						
Cholewinski - GEI)						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe						
(CMP) through the levee, 6.9 feet below the crown. Concrete U-shaped						
headwalls on both ends. Flap gate on the waterside (WS) end. Grouted						
intake on the landside (LS). Cobble grouted spillway across the berm.						
[Additional Reference(s): DWR Levee Log, 1990, (HLM 5.69). USACE						
San Joaquin O&M Manual 612.1, June 1965, (HLM 5.69), and 612						
(addendum), February 1999, (HLM 5.82), (Station 307+37)].						
FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77475_93243.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	5.56	Rating **	M	Issue No.	1116 (cont)
LM End	5.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.050122 °	38.050122 °
				-121.286318 °	-121.286318 °
DWR ID	23709				

Photo 2 of 3 : UCIP_FA_2022_77475_93246.jpg



LS View: Pipe at LS toe.

LM Start	5.56	Rating **	M	Issue No.	1116 (cont)
LM End	5.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77475_93249.jpg



WS View: Headwall and flapgate at WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.10	Rating **	M	Issue No.	1117	
LM End	6.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.052226 °	38.052226 °	
				-121.277229 °	-121.277229 °	
DWR ID	23711					
Comment Code						
Inspector Comment						
DS_ID:23711						
FS_ID:77478						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 02/18/2021 Record was 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. Gravel observed above headwall on						
LS. The UCIP inspection was completed with DWR Inspector, S.						
Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP)						
through the levee, 7.3 feet below the crown. Concrete U-shaped						
headwalls on both ends. Flap gate on the waterside (WS) end. Grouted						
intake on the landside (LS). Cobble grouted spillway across the berm.						
[Additional Reference(s): DWR Levee Log, 1990, (HLM 6.25). USACE						
San Joaquin O&M Manual 612.1, June 1965, (HLM 6.25)].						
FS Date: 2/18/2021						

LM Start	6.10	Rating **	M	Issue No.	1117 (cont)
LM End	6.10	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77478_93221.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77478_93223.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.10	Rating **	M	Issue No.	1117 (cont)
LM End	6.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052226 °	38.052226 °
				-121.277229 °	-121.277229 °
DWR ID	23711				

Photo 3 of 3 : UCIP_FA_2022_77478_93226.jpg



WS View: Headwall and 24-inch flapgate at WS toe.

LM Start	6.18	Rating **	M	Issue No.	218
LM End	6.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.052195 °	38.052195 °
				-121.275772 °	-121.275772 °
DWR ID	DWR_NA0017_08_s_2022_218				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	6.19	Rating **	M	Issue No.	175
LM End	6.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.052228 °	38.053077 °
				-121.275580 °	-121.270019 °
DWR ID	DWR_NA0017_08_f_2022_175				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.20	Rating **	M	Issue No.	1118	
LM End	6.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.052247 °	38.052247 °	
				-121.275311 °	-121.275311 °	
DWR ID	23713					
Comment Code						
Inspector Comment						
DS_ID:23713 FS_ID:77488 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/18/2021 Pipe status is still Non-Urgent. DWR DMP has found integrity issues, LOF between 4 and 5. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/22/2014 Gate rusted shut on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.9 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Cobble grouted spillway across berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 6.35). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.35), and 612 (addendum), February 1999, (HLM 6.36), (Station 335+70)]. FS Date: 2/18/2021						

LM Start	6.20	Rating **	M	Issue No.	1118 (cont)
LM End	6.20	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77488_93180.jpg



LS View: Headwall with slide gate at LS toe.

Photo 2 of 3 : UCIP_FA_2022_77488_93181.jpg



WS View: Headwall and flapgate at WS slope with pipe through WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.20	Rating **	M	Issue No.	1118 (cont)
LM End	6.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.052247 °	38.052247 °
				-121.275311 °	-121.275311 °
DWR ID	23713				

Photo 3 of 3 : UCIP_FA_2022_77488_93182.jpg



WS View: Headwall and flapgate at WS slope. Filled with tumble weeds.

LM Start	6.41	Rating **	M	Issue No.	1119
LM End	6.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053016 °	38.053016 °
				-121.271705 °	-121.271705 °
DWR ID	23714				

Comment Code

Inspector Comment

DS_ID:23714
 FS_ID:77490
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 Record was 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. Slight weathering of pipe interior coating at LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (CMP) through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 6.56). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.56)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77490_93167.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.41	Rating **	M	Issue No.	1119 (cont)
LM End	6.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053016 °	38.053016 °
				-121.271705 °	-121.271705 °
DWR ID	23714				

Photo 2 of 3 : UCIP_FA_2022_77490_93169.jpg



LS View: Headwall at LS toe.

LM Start	6.41	Rating **	M	Issue No.	1119 (cont)
LM End	6.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77490_93172.jpg



WS View: Headwall and flapgate at WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.56	Rating **	M	Issue No.	1120	
LM End	6.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.053277 °	38.053277 °	
				-121.268962 °	-121.268962 °	
DWR ID	23715					
Comment Code						
Inspector Comment						
DS_ID:23715 FS_ID:77491 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. Stiff WS flapgate, but still opens. Pipe bent and small gap observed at base of pipe at LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 6.72). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.72), and 612 (addendum), February 1999, (HLM 6.67), (Station 352+14)]. FS Date: 2/18/2021						

LM Start	6.56	Rating **	M	Issue No.	1120 (cont)
LM End	6.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77491_93159.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77491_93161.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.56	Rating **	M	Issue No.	1120 (cont)
LM End	6.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053277 °	38.053277 °
				-121.268962 °	-121.268962 °
DWR ID	23715				

Photo 3 of 3 : UCIP_FA_2022_77491_93165.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	6.63	Rating **	M	Issue No.	1121	
LM End	6.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.053742 °	38.053742 °	
				-121.267864 °	-121.267864 °	
DWR ID	23716					

Comment Code

Inspector Comment

DS_ID:23716
 FS_ID:77492
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7.7 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across berm.
 [Additional Reference(s): DWR Levee Log, 1990, (HLM 6.79). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.79), and 612 (addendum), February 1999, (HLM 6.82), (Station 360+08)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77492_93152.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.63	Rating **	M	Issue No.	1121 (cont)
LM End	6.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053742 °	38.053742 °
				-121.267864 °	-121.267864 °
DWR ID	23716				

Photo 2 of 3 : UCIP_FA_2022_77492_93154.jpg



LS View: Headwall at LS toe.

LM Start	6.63	Rating **	M	Issue No.	1121 (cont)
LM End	6.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77492_93157.jpg



WS View: Headwall and flapgate at WS slope.

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.71	Rating **	M	Issue No.	1122	
LM End	6.71	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.053941 °	38.053941 °	
				-121.266415 °	-121.266415 °	
DWR ID	23718					
Comment Code						
Inspector Comment						
DS_ID:23718 FS_ID:77494 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. Slight crumbling of concrete around pipe opening on LS. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 6.88). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.88), and 612 (addendum), February 1999, (HLM 6.89), (Station 363+76)]. FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77494_93140.jpg



Crown Overview

LM Start	6.71	Rating **	M	Issue No.	1122 (cont)
LM End	6.71	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77494_93142.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.71	Rating **	M	Issue No.	1122 (cont)
LM End	6.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.053941 °	38.053941 °
				-121.266415 °	-121.266415 °
DWR ID	23718				

Photo 3 of 3 : UCIP_FA_2022_77494_93145.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	6.82	Rating **	C	Issue No.	205
LM End	6.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.054366 °	38.054366 °
				-121.264541 °	-121.264541 °
DWR ID	DWR_NA0017_08_s_2022_205				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.83	Rating **	M	Issue No.	1123	
LM End	6.83	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.054509 °	38.054509 °	
				-121.264312 °	-121.264312 °	
DWR ID	23719					
Comment Code						
Inspector Comment						
DS_ID:23719 FS_ID:77496 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.3 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 7.00). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.00), and 612 (addendum), February 1999, (HLM 7.10), (Station 374+70)]. FS Date: 2/18/2021						

LM Start	6.83	Rating **	M	Issue No.	1123 (cont)
LM End	6.83	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77496_93130.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77496_93132.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.83	Rating **	M	Issue No.	1123 (cont)
LM End	6.83	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.054509 °	38.054509 °	
			-121.264312 °	-121.264312 °	
DWR ID	23719				

Photo 3 of 3 : UCIP_FA_2022_77496_93135.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	6.83	Rating **	M	Issue No.	1124
LM End	6.83	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.054515 °	38.054515 °	
			-121.264301 °	-121.264301 °	
DWR ID	23812				

Comment Code

Inspector Comment

DS_ID:23812
 FS_ID:77497
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.3 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 7.00). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.00), and 612 (addendum), February 1999, (HLM 7.10), (Station 374+70)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77497_93123.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.83	Rating **	M	Issue No.	1124 (cont)
LM End	6.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.054515 °	38.054515 °
				-121.264301 °	-121.264301 °
DWR ID	23812				

Photo 2 of 3 : UCIP_FA_2022_77497_93125.jpg



LS View: Headwall at LS toe.

LM Start	6.83	Rating **	M	Issue No.	1124 (cont)
LM End	6.83	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77497_93128.jpg



WS View: Headwall and flapgate at 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.90	Rating **	M	Issue No.	1125	
LM End	6.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.055056 °	38.055056 °	
				-121.263397 °	-121.263397 °	
DWR ID	23720					
Comment Code						
Inspector Comment						
DS_ID:23720 FS_ID:77498 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 7.07). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.07), and 612 (addendum), February 1999, (HLM 7.18), (Station 379+00)]. FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77498_93117.jpg



Crown Overview

LM Start	6.90	Rating **	M	Issue No.	1125 (cont)
LM End	6.90	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77498_93119.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	6.90	Rating **	M	Issue No.	1125 (cont)
LM End	6.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.055056 °	38.055056 °
				-121.263397 °	-121.263397 °
DWR ID	23720				

Photo 3 of 3 : UCIP_FA_2022_77498_93122.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	6.94	Rating **	M	Issue No.	173
LM End	7.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.055512 °	38.057092 °
				-121.262806 °	-121.261557 °
DWR ID	DWR_NA0017_08_f_2022_173				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.08	Rating **	M	Issue No.	1126
LM End	7.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.057276 °	38.057276 °
				-121.261565 °	-121.261565 °
DWR ID	23721				
Comment Code					
Inspector Comment					
DS_ID:23721 FS_ID:77499 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1990, (HLM 7.26). USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.26), and 612 (addendum), February 1999, (HLM 7.34), (Station 387+80)]. FS Date: 2/18/2021					

Photo 1 of 3 : UCIP_FA_2022_77499_93109.jpg



Crown Overview

LM Start	7.08	Rating **	M	Issue No.	1126 (cont)
LM End	7.08	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77499_93111.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.08	Rating **	M	Issue No.	1126 (cont)
LM End	7.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.057276 °	38.057276 °
				-121.261565 °	-121.261565 °
DWR ID	23721				

Photo 3 of 3 : UCIP_FA_2022_77499_93115.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	7.47	Rating **	M	Issue No.	1128
LM End	7.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061845 °	38.061845 °
				-121.257800 °	-121.257800 °
DWR ID	23743				

Comment Code

Inspector Comment

DS_ID:23743
 FS_ID:77504
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/18/2021 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. No cobbles observed in pipe at LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Cobbles building up at inlet and inside pipe along with sediment. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 7.65). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.65), and 612 (addendum), February 1999, (HLM 7.70), (Station 406+58)].
 FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77504_93087.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.47	Rating **	M	Issue No.	1128 (cont)
LM End	7.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.061845 °	38.061845 °
				-121.257800 °	-121.257800 °
DWR ID	23743				

Photo 2 of 3 : UCIP_FA_2022_77504_93089.jpg



LS View: Headwall at LS toe.

LM Start	7.47	Rating **	M	Issue No.	1128 (cont)
LM End	7.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77504_93092.jpg



WS View: Headwall and 24-inch flapgate at WS slope.

LM Start	7.79	Rating **	C	Issue No.	180
LM End	7.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.064389 °	38.064389 °
				-121.253055 °	-121.253055 °
DWR ID	DWR_NA0017_08_s_2021_180				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.99	Rating **	M	Issue No.	1129
LM End	7.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.064918 °	38.064918 °
				-121.249540 °	-121.249540 °
DWR ID	23744				
Comment Code					
Inspector Comment					
DS_ID:23744 FS_ID:77573 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/18/2021 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. No lid on riser. Recommend adding lid to riser as a safety measure. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Lid damaged/missing from CMP riser on WS slope. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Slide gate inside a 48-inch CMP riser unit on the WS slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the channel bank. Cobble grouted apron in ditch on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 8.18). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.18), and 612 (addendum), February 1999, (HLM 8.21), (Station 433+70)]. FS Date: 2/18/2021					

Photo 1 of 3 : UCIP_FA_2022_77573_93080.jpg



LS View: Headwall at LS toe.

LM Start	7.99	Rating **	M	Issue No.	1129 (cont)
LM End	7.99	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77573_93082.jpg



WS View: Riser on WS shoulder.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.99	Rating **	M	Issue No.	1129 (cont)
LM End	7.99	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.064918 °	38.064918 °	
			-121.249540 °	-121.249540 °	
DWR ID	23744				

Photo 3 of 3 : UCIP_FA_2022_77573_93085.jpg



WS View: Headwall and flapgate at WS toe.

LM Start	7.99	Rating **	M	Issue No.	1130
LM End	7.99	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.064927 °	38.064927 °	
			-121.249520 °	-121.249520 °	
DWR ID	23820				

Comment Code

Inspector Comment

DS_ID:23820
FS_ID:77506
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 4b, Safety Issue
Crossing Status: Found
UCIP Comments: 02/18/2021 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. No lid on riser. Recommend adding lid to riser as a safety measure. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Lid damaged/missing on 48-inch CMP riser on WS slope. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Slide gate inside a 48-inch CMP riser unit on the WS slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the channel bank. Cobble grouted apron in ditch on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 8.18). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.18), and 612 (addendum), February 1999, (HLM 8.21), (Station 433+70)].
FS Date: 2/18/2021

Photo 1 of 3 : UCIP_FA_2022_77506_93071.jpg



LS View: Headwall 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	7.99	Rating **	M	Issue No.	1130 (cont)
LM End	7.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.064927 °	38.064927 °
				-121.249520 °	-121.249520 °
DWR ID	23820				

Photo 2 of 3 : UCIP_FA_2022_77506_93073.jpg



WS View

LM Start	7.99	Rating **	M	Issue No.	1130 (cont)
LM End	7.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77506_93076.jpg



WS View: Headwall and 36-inch 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	8.15	Rating **	M	Issue No.	1131	
LM End	8.15	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.066308 °	38.066308 °	
				-121.247180 °	-121.247180 °	
DWR ID	23745					
Comment Code						
Inspector Comment						
DS_ID:23745 FS_ID:77507 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/18/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 8.34). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.34), and 612 (addendum), February 1999, (HLM 8.37), (Station 442+14)]. FS Date: 2/18/2021						

Photo 1 of 3 : UCIP_FA_2022_77507_93054.jpg



Crown Overview

LM Start	8.15	Rating **	M	Issue No.	1131 (cont)
LM End	8.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77507_93056.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	8.15	Rating **	M	Issue No.	1131 (cont)
LM End	8.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.066308 °	38.066308 °
				-121.247180 °	-121.247180 °
DWR ID	23745				

Photo 3 of 3 : UCIP_FA_2022_77507_93062.jpg



WS View: Headwall and 24-inch flapgate at WS slope.

LM Start	8.34	Rating **	M	Issue No.	1132
LM End	8.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.066918 °	38.066918 °
				-121.243749 °	-121.243749 °
DWR ID	23746				

Photo 1 of 3 : UCIP_FA_2022_77508_93044.jpg



Crown Overview

Comment Code					
Inspector Comment					
DS_ID:23746 FS_ID:77508 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 02/22/2021 Record was updated from No Action Needed to Non-Urgent. DWR DMP study found no evidence of pipe at lat/long 38.066918/-121.243749. 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 DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 8.54). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.54), and 612 (addendum), February 1999, (HLM 8.57), (Station 452+52)]. FS Date: 2/18/2021					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1132 (cont)
LM End	8.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.066918 °	38.066918 °
				-121.243749 °	-121.243749 °
DWR ID	23746				

Photo 2 of 3 : UCIP_FA_2022_77508_93045.jpg



LS View

LM Start	8.34	Rating **	M	Issue No.	1132 (cont)
LM End	8.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77508_93046.jpg



WS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	9.30	Rating **	M	Issue No.	1133	
LM End	9.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.069651 °	38.069651 °	
				-121.227000 °	-121.227000 °	
DWR ID	23722					
Comment Code						
Inspector Comment						
DS_ID:23722 FS_ID:77510 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 9.52). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.52), and 612 (addendum), February 1999, (HLM 9.52), (Station 502+83)]. FS Date: 2/22/2021						

Photo 1 of 3 : UCIP_FA_2022_77510_93021.jpg



Crown Overview

LM Start	9.30	Rating **	M	Issue No.	1133 (cont)
LM End	9.30	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77510_93023.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	9.30	Rating **	M	Issue No.	1133 (cont)	
LM End	9.30	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.069651 °	38.069651 °	
				-121.227000 °	-121.227000 °	
DWR ID	23722					

Photo 3 of 3 : UCIP_FA_2022_77510_93026.jpg



LS View: Pipe at LS toe.

LM Start	9.53	Rating **	M	Issue No.	1134
LM End	9.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.069815 °	38.069815 °
				-121.222720 °	-121.222720 °
DWR ID	23726				

Comment Code

Inspector Comment

DS_ID:23726
 FS_ID:77514
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 02/22/2021 Record was 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. Approximately 7 bullet holes observed in WS flapgate. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 9.76). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.85), and 612 (addendum), February 1999, (HLM 9.76), (Station 515+23)].
 FS Date: 2/22/2021

Photo 1 of 3 : UCIP_FA_2022_77514_92901.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	9.53	Rating **	M	Issue No.	1134 (cont)
LM End	9.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.069815 °	38.069815 °
				-121.222720 °	-121.222720 °
DWR ID	23726				

Photo 2 of 3 : UCIP_FA_2022_77514_92902.jpg



LS View: Headwall at LS toe.

LM Start	9.53	Rating **	M	Issue No.	1134 (cont)
LM End	9.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77514_92913.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	9.75	Rating **	M	Issue No.	162
LM End	9.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.070257 °	38.070257 °
				-121.218756 °	-121.218756 °
DWR ID	DWR_NA0017_08_f_2022_162				
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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	1135	
LM End	9.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.070510 °	38.070510 °	
				-121.218520 °	-121.218520 °	
DWR ID	23727					
Comment Code						
Inspector Comment						
DS_ID:23727 FS_ID:77515 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Pipe status is still 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. Slope above WS headwall is very steep and eroding. Sediment from erosion observed on top of WS pipe outlet. Sediment build-up has decreased in pipe at LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Sediment and debris buildup inside pipe on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 10.01). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.09), and 612 (addendum), February 1999, (HLM 10.00), (Station 528+18)]. FS Date: 2/22/2021						

LM Start	9.78	Rating **	M	Issue No.	1135 (cont)
LM End	9.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77515_92888.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77515_92890.jpg



WS View: Headwall and flapgate on WS slope. Erosion observed above 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	1135 (cont)
LM End	9.78	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.070510 °	38.070510 °	
			-121.218520 °	-121.218520 °	
DWR ID	23727				

Photo 3 of 3 : UCIP_FA_2022_77515_92892.jpg



LS View: Headwall at LS toe.

LM Start	10.21	Rating **	M	Issue No.	1136
LM End	10.21	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.073660 °	38.073660 °	
			-121.212010 °	-121.212010 °	
DWR ID	23728				

Comment Code

Inspector Comment

DS_ID:23728
 FS_ID:77516
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/22/2021 Record was 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. Some concrete rubble observed above headwall on WS. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 10.46). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.46), and 612 (addendum), February 1999, (HLM 10.44), (Station 551+22)].
 FS Date: 2/22/2021

Photo 1 of 3 : UCIP_FA_2022_77516_92864.jpg



LS View: Facing headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.21	Rating **	M	Issue No.	1136 (cont)
LM End	10.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.073660 °	38.073660 °
				-121.212010 °	-121.212010 °
DWR ID	23728				

Photo 2 of 3 : UCIP_FA_2022_77516_92871.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	10.21	Rating **	M	Issue No.	1136 (cont)
LM End	10.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77516_92873.jpg



WS View: Small crack observed in apron 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.23	Rating **	M	Issue No.	1137
LM End	10.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.073725 °	38.073725 °
				-121.211715 °	-121.211715 °
DWR ID	23729				
Comment Code					
Inspector Comment					
DS_ID:23729 FS_ID:77518 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Pipe status is still 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. Water observed at pipe opening at LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Some sediment buildup in pipe at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 10.48). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.48), and 612 (addendum), February 1999, (HLM 10.46), (Station 552+17)]. FS Date: 2/22/2021					

LM Start	10.23	Rating **	M	Issue No.	1137 (cont)
LM End	10.23	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77518_92828.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77518_92829.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.23	Rating **	M	Issue No.	1137 (cont)
LM End	10.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.073725 °	38.073725 °
				-121.211715 °	-121.211715 °
DWR ID	23729				

Photo 3 of 3 : UCIP_FA_2022_77518_92831.jpg



LS View: Headwall at LS toe.

LM Start	10.42	Rating **	M	Issue No.	155
LM End	10.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.075552 °	38.075552 °
				-121.208235 °	-121.208235 °
DWR ID	DWR_NA0017_08_f_2022_155				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.43	Rating **	M	Issue No.	1138	
LM End	10.43	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.075750 °	38.075750 °	
				-121.208184 °	-121.208184 °	
DWR ID	23748					
Comment Code						
Inspector Comment						
DS_ID:23748 FS_ID:77519 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. 4.5-inch PVC pipe discharging at LS toe headwall. 2-inch PVC pipe on LS slope adjacent to headwall, seems disconnected. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 2-small PVC pipes discharge into inlet on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 10.75). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.75), and 612 (addendum), February 1999, (HLM 10.72), (Station 566+09)]. FS Date: 2/22/2021						

LM Start	10.43	Rating **	M	Issue No.	1138 (cont)
LM End	10.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77519_92810.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77519_92812.jpg



LS View: Headwall at LS toe. 4.5-inch PVC pipe discharges at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.43	Rating **	M	Issue No.	1138 (cont)
LM End	10.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.075750 °	38.075750 °
				-121.208184 °	-121.208184 °
DWR ID	23748				

Photo 3 of 3 : UCIP_FA_2022_77519_92819.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	10.47	Rating **	C	Issue No.	172
LM End	10.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.076224 °	38.076224 °
				-121.208069 °	-121.208069 °
DWR ID	DWR_NA0017_08_f_2021_172				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1139	
LM End	10.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.078140 °	38.078140 °	
				-121.205820 °	-121.205820 °	
DWR ID	23749					
Comment Code						
Inspector Comment						
DS_ID:23749 FS_ID:77520 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Pipe status is still 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 Some silt buildup in pipe at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 10.97). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.97), and 612 (addendum), February 1999, (HLM 10.94), (Station 577+59)]. FS Date: 2/22/2021						

Photo 1 of 3 : UCIP_FA_2022_77520_92787.jpg



Crown Overview

LM Start	10.65	Rating **	M	Issue No.	1139 (cont)
LM End	10.65	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77520_92789.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1139 (cont)
LM End	10.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.078140 °	38.078140 °
				-121.205820 °	-121.205820 °
DWR ID	23749				

Photo 3 of 3 : UCIP_FA_2022_77520_92799.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	10.99	Rating **	M	Issue No.	1140
LM End	10.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.079910 °	38.079910 °
				-121.200413 °	-121.200413 °
DWR ID	23750				

Comment Code

Inspector Comment

DS_ID:23750
 FS_ID:77521
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/22/2021 Record was 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 completed an internal inspection of the pipe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 11.32). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.32), and 612 (addendum), February 1999, (HLM 11.28), (Station 595+39)].
 FS Date: 2/22/2021

Photo 1 of 3 : UCIP_FA_2022_77521_92755.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	10.99	Rating **	M	Issue No.	1140 (cont)
LM End	10.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.079910 °	38.079910 °
				-121.200413 °	-121.200413 °
DWR ID	23750				

Photo 2 of 3 : UCIP_FA_2022_77521_92764.jpg



LS View: Headwall at LS toe.

LM Start	10.99	Rating **	M	Issue No.	1140 (cont)
LM End	10.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77521_92768.jpg



WS View: Headwall and flapgate at 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.03	Rating **	M	Issue No.	1141
LM End	11.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.080429 °	38.080429 °
				-121.199885 °	-121.199885 °
DWR ID	23751				
Comment Code					
Inspector Comment					
DS_ID:23751 FS_ID:77522 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 11.37). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.37), and 612 (addendum), February 1999, (HLM 11.32), (Station 597+78)]. FS Date: 2/22/2021					

Photo 1 of 3 : UCIP_FA_2022_77522_92742.jpg



Crown Overview

LM Start	11.03	Rating **	M	Issue No.	1141 (cont)
LM End	11.03	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77522_92744.jpg



LS View: 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.03	Rating **	M	Issue No.	1141 (cont)
LM End	11.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.080429 °	38.080429 °
				-121.199885 °	-121.199885 °
DWR ID	23751				

Photo 3 of 3 : UCIP_FA_2022_77522_92748.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	11.07	Rating **	M	Issue No.	194
LM End	11.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.080818 °	38.080818 °
				-121.199430 °	-121.199430 °
DWR ID	DWR_NA0017_08_s_2022_194				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.14	Rating **	M	Issue No.	150
LM End	11.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.081687 °	38.081687 °
				-121.198602 °	-121.198602 °
DWR ID	DWR_NA0017_08_f_2022_150				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.20	Rating **	M	Issue No.	149
LM End	11.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.082323 °	38.082323 °
				-121.197908 °	-121.197908 °
DWR ID	DWR_NA0017_08_f_2022_149				
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

LM Start	11.20	Rating **	M	Issue No.	171
LM End	11.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.082343 °	38.082538 °
				-121.197918 °	-121.197650 °
DWR ID	DWR_NA0017_08_s_2021_171				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_152_171_20221025_00401.jpg



View of large animal burrow near the landside shoulder. Fall 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.24	Rating **	M	Issue No.	1142
LM End	11.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.082765 °	38.082765 °
				-121.197352 °	-121.197352 °
DWR ID	23752				
Comment Code					
Inspector Comment					
DS_ID:23752 FS_ID:77524 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 11.59). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.59), and 612 (addendum), February 1999, (HLM 11.60), (Station 612+48)]. FS Date: 2/22/2021					

Photo 1 of 3 : UCIP_FA_2022_77524_92695.jpg



LS View: Headwall at LS toe.

LM Start	11.24	Rating **	M	Issue No.	1142 (cont)
LM End	11.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77524_92699.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.24	Rating **	M	Issue No.	1142 (cont)
LM End	11.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.082765 °	38.082765 °
				-121.197352 °	-121.197352 °
DWR ID	23752				

Photo 3 of 3 : UCIP_FA_2022_77524_92700.jpg



WS View: 1.5-inch gap observed between headwall and apron at WS slope.

LM Start	11.29	Rating **	M	Issue No.	148
LM End	11.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.083253 °	38.083253 °
				-121.196702 °	-121.196702 °
DWR ID	DWR_NA0017_08_f_2022_148				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.31	Rating **	M	Issue No.	1143	
LM End	11.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.083428 °	38.083428 °	
				-121.196474 °	-121.196474 °	
DWR ID	23753					
Comment Code						
Inspector Comment						
DS_ID:23753 FS_ID:77525 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)04/26/2017 Rodent activity is already accounted for via DWR FPIIB inspections. As per inspection chief G. Wylie, crossing has been downgraded from Non-Urgent to No Action Needed, as pipe integrity itself is not in question. (K. Fazel - UCIP)05/21/2014 Rodent activity at LS shoulder. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both slopes. Cobble grouted spillway on the WS slope. [Additional Reference(s): DWR Levee Log, 1990, (HLM 11.65). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.65), and 612 (addendum), February 1999, (HLM 11.99), (Station 633+20)]. FS Date: 2/22/2021						

LM Start	11.31	Rating **	M	Issue No.	1143 (cont)
LM End	11.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77525_92687.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77525_92690.jpg



LS View: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.31	Rating **	M	Issue No.	1143 (cont)
LM End	11.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.083428 °	38.083428 °
				-121.196474 °	-121.196474 °
DWR ID	23753				

Photo 3 of 3 : UCIP_FA_2022_77525_92692.jpg



WS View: Headwall and flapgate at 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.70	Rating **	M	Issue No.	1144
LM End	11.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.086137 °	38.086137 °
				-121.190458 °	-121.190458 °
DWR ID	23754				
Comment Code					
Inspector Comment					
DS_ID:23754 FS_ID:77526 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. A 4.5-inch PVC pipe is positioned to discharge at the LS inlet. The 4.5-inch PVC pipe is an unauthorized engroachment that has been installed along the LS toe. Recommend having the CVFPB review this record to have landowner remove the illegal encroachment along the LS toe. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)04/26/2017 Rodent activity is already accounted for via DWR FPIIB inspections. As per inspection chief G. Wylie, crossing has been downgraded from Non-Urgent to No Action Needed, as pipe integrity itself is not in question. (K. Fazel - UCIP)05/21/2014 Rodent activity at LS shoulder. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.06). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.06)]. FS Date: 2/22/2021					

Photo 1 of 3 : UCIP_FA_2022_77526_92681.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.70	Rating **	M	Issue No.	1144 (cont)
LM End	11.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.086137 °	38.086137 °
				-121.190458 °	-121.190458 °
DWR ID	23754				

Photo 2 of 3 : UCIP_FA_2022_77526_92683.jpg



LS View: Headwall at LS toe. PVC pipe discharging at inlet.

LM Start	11.70	Rating **	M	Issue No.	1144 (cont)
LM End	11.70	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77526_92685.jpg



WS View: Headwall and flapgate at WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.84	Rating **	M	Issue No.	1146
LM End	11.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.087303 °	38.087303 °
				-121.188608 °	-121.188608 °
DWR ID	23756				
Comment Code					
Inspector Comment					
DS_ID:23756 FS_ID:77529 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/22/2021 Pipe status is still 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. Riser lid damage. Recommend adding lid to riser as a safety measure. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 CMP riser missing cover on WS slope. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 48-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.5 feet below the crown. Slide gate inside a 60-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.20). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.20), and 612 (addendum), February 1999, (HLM 12.13), (Station 640+50)]. FS Date: 2/22/2021					

LM Start	11.84	Rating **	M	Issue No.	1146 (cont)
LM End	11.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77529_92663.jpg



LS View: Headwall at LS toe.

Photo 2 of 3 : UCIP_FA_2022_77529_92664.jpg



LS View: Surficial crack observed at headwall bend leading 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.84	Rating **	M	Issue No.	1146 (cont)
LM End	11.84	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.087303 °	38.087303 °	
			-121.188608 °	-121.188608 °	
DWR ID	23756				

Photo 3 of 3 : UCIP_FA_2022_77529_92667.jpg



WS View: Riser at WS shoulder.

LM Start	11.84	Rating **	M	Issue No.	1147
LM End	11.84	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.087319 °	38.087319 °	
			-121.188596 °	-121.188596 °	
DWR ID	23818				

Comment Code

Inspector Comment

DS_ID:23818
 FS_ID:77530
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 4b, Safety Issue
 Crossing Status: Found
 UCIP Comments: 02/22/2021 Pipe status is still 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. Riser lid missing. Recommend adding riser lid for safety reasons. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski - GEI)05/21/2014 CMP riser missing cover on WS slope may be hazard. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 2: 48-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.5 feet below the crown. Slide gate inside a 60-inch CMP riser unit on the waterside (WS) slope. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted apron on the landside (LS) end.
 [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.20). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.20), and 612 (addendum), February 1999, (HLM 12.13), (Station 640+50)].
 FS Date: 2/22/2021

Photo 1 of 3 : UCIP_FA_2022_77530_92656.jpg



WS View: Riser at WS Shoulder. Partly covered with wood boards.
 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	11.84	Rating **	M	Issue No.	1147 (cont)
LM End	11.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.087319 °	38.087319 °
				-121.188596 °	-121.188596 °
DWR ID	23818				

Photo 2 of 3 : UCIP_FA_2022_77530_92658.jpg



WS View: Crack observed in apron at WS toe.

LM Start	11.84	Rating **	M	Issue No.	1147 (cont)
LM End	11.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77530_92659.jpg



WS View: Crack observed in apron 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.07	Rating **	M	Issue No.	1148	
LM End	12.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.089088 °	38.089088 °	
				-121.185187 °	-121.185187 °	
DWR ID	23757					
Comment Code						
Inspector Comment						
DS_ID:23757 FS_ID:77531 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/22/2021 Pipe status is still 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. The UCIP inspection was completed with DWR Inspector, S. Donovan, and LMA representative, J. Caruso. (N. Cholewinski – GEI)05/21/2014 Some sediment buildup in pipe at inlet. (W. Wylie - DWR DMP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.43). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.43), and 612 (addendum), February 1999, (HLM 12.36), (Station 652+74)]. FS Date: 2/22/2021						

Photo 1 of 3 : UCIP_FA_2022_77531_92645.jpg



LS View: Headwall at LS toe.

LM Start	12.07	Rating **	M	Issue No.	1148 (cont)
LM End	12.07	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77531_92647.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.07	Rating **	M	Issue No.	1148 (cont)
LM End	12.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.089088 °	38.089088 °
				-121.185187 °	-121.185187 °
DWR ID	23757				

Photo 3 of 3 : UCIP_FA_2022_77531_92648.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	12.32	Rating **	M	Issue No.	147
LM End	12.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.091608 °	38.091608 °
				-121.182616 °	-121.182616 °
DWR ID	DWR_NA0017_08_f_2022_147				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.41	Rating **	U	Issue No.	1150
LM End	12.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.091770 °	38.091770 °
				-121.181070 °	-121.181070 °
DWR ID	23761				
Comment Code					
Inspector Comment					
DS_ID:23761 FS_ID:77533 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/22/2021 Record was updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for removal. No permit was found authorizing this encroachment. There appears to be a gap between the headwall and concrete apron. Recommend monitoring the gap to determine if it is associated with undermining occurring. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.78). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.78), and 612 (addendum), February 1999, (HLM 12.70), (Station 670+43)]. FS Date: 2/22/2021					

LM Start	12.41	Rating **	U	Issue No.	1150 (cont)
LM End	12.41	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77533_92629.jpg



LS View: Headwall at LS toe.

Photo 2 of 3 : UCIP_FA_2022_77533_92633.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.41	Rating **	U	Issue No.	1150 (cont)
LM End	12.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.091770 °	38.091770 °
				-121.181070 °	-121.181070 °
DWR ID	23761				

Photo 3 of 3 : UCIP_FA_2022_77533_92634.jpg



WS View: Headwall and flapgate at WS slope. Gap visible between headwall and apron.

LM Start	12.57	Rating **	M	Issue No.	1152
LM End	12.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.092130 °	38.092130 °
				-121.178163 °	-121.178163 °
DWR ID	23764				

Comment Code

Inspector Comment

DS_ID:23764
 FS_ID:77536
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 12.94). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.94), and 612 (addendum), February 1999, (HLM 12.86), (Station 678+88)].
 FS Date: 2/22/2021

Photo 1 of 3 : UCIP_FA_2022_77536_92608.jpg



LS View: Abandoned irrigation structure 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.57	Rating **	M	Issue No.	1152 (cont)
LM End	12.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.092130 °	38.092130 °
				-121.178163 °	-121.178163 °
DWR ID	23764				

Photo 2 of 3 : UCIP_FA_2022_77536_92611.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	12.57	Rating **	M	Issue No.	1152 (cont)
LM End	12.57	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77536_92612.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.63	Rating **	M	Issue No.	1153	
LM End	12.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.092598 °	38.092598 °	
				-121.177228 °	-121.177228 °	
DWR ID	23765					
Comment Code						
Inspector Comment						
DS_ID:23765 FS_ID:77537 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/22/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.0 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the LS end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.00). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.00)]. FS Date: 2/22/2021						

Photo 1 of 3 : UCIP_FA_2022_77537_92597.jpg



Crown Overview

LM Start	12.63	Rating **	M	Issue No.	1153 (cont)
LM End	12.63	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77537_92600.jpg



LS View: Headwall and slide gate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.63	Rating **	M	Issue No.	1153 (cont)
LM End	12.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.092598 °	38.092598 °
				-121.177228 °	-121.177228 °
DWR ID	23765				

Photo 3 of 3 : UCIP_FA_2022_77537_92602.jpg



WS View: Headwall and flapgate at WS toe.

LM Start	12.70	Rating **	M	Issue No.	139
LM End	12.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.094506 °	38.095974 °
				-121.176162 °	-121.175986 °
DWR ID	DWR_NA0017_08_f_2022_139				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.89	Rating **	M	Issue No.	1155
LM End	12.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.097279 °	38.097279 °
				-121.175854 °	-121.175854 °
DWR ID	23767				
Comment Code					
Inspector Comment					
DS_ID:23767 FS_ID:77539 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.26). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.26)]. FS Date: 2/23/2021					

Photo 1 of 2 : UCIP_FA_2022_77539_92583.jpg



LS View: Headwall at LS toe.

LM Start	12.89	Rating **	M	Issue No.	1155 (cont)
LM End	12.89	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2022_77539_92586.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.98	Rating **	M	Issue No.	1156
LM End	12.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.098566 °	38.098566 °
				-121.175704 °	-121.175704 °
DWR ID	23768				
Comment Code					
Inspector Comment					
DS_ID:23768 FS_ID:77574 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 02/23/2021 Pipe status is still 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. LS not accessible due to barbed cattle fencing. Riser lid missing. Recommend adding lid to riser as a safety measure. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)05/21/2014 Some debris buildup at inlet. No lid on CMP riser on WS slope. (W. Wylie - DWR DMP) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.0 feet below the crown. Concrete U-shaped headwalls on both ends. Slide gate inside a CMP riser unit on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.35). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.35)]. FS Date: 2/23/2021					

LM Start	12.98	Rating **	M	Issue No.	1156 (cont)
LM End	12.98	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77574_92575.jpg



LS View: Pipe at LS toe with cattle fencing around opening.

Photo 2 of 3 : UCIP_FA_2022_77574_92580.jpg



WS View: Riser on WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.98	Rating **	M	Issue No.	1156 (cont)
LM End	12.98	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.098566 °	38.098566 °	
			-121.175704 °	-121.175704 °	
DWR ID	23768				

Photo 3 of 3 : UCIP_FA_2022_77574_92579.jpg



WS View: Headwall and flapgate at WS toe.

LM Start	12.98	Rating **	M	Issue No.	1157
LM End	12.98	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.098582 °	38.098582 °	
			-121.175703 °	-121.175703 °	
DWR ID	23816				

Comment Code

Inspector Comment

DS_ID:23816
 FS_ID:77541
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 4b, Safety Issue
 Crossing Status: Found
 UCIP Comments: 02/23/2021 Pipe status is still 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. LS not accessible due to barbed cattle fencing. Riser lid missing. Recommend adding lid to riser as a safety measure. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)05/21/2014 Some debris buildup at inlet and no lid on standpipe at WS shoulder. (W. Wylie - DWR DMP)
 FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 10.0 feet below the crown. Concrete U-shaped headwalls on both ends. Slide gate inside a CMP riser unit on the waterside (WS) slope. Flap gate on the WS end.
 [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.35). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.35)].
 FS Date: 2/23/2021

Photo 1 of 3 : UCIP_FA_2022_77541_92569.jpg



LS View: Cattle fencing around inlet 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	12.98	Rating **	M	Issue No.	1157 (cont)
LM End	12.98	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.098582 °	38.098582 °
				-121.175703 °	-121.175703 °
DWR ID	23816				

Photo 2 of 3 : UCIP_FA_2022_77541_92570.jpg



WS View: Riser on WS shoulder.

LM Start	12.98	Rating **	M	Issue No.	1157 (cont)
LM End	12.98	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77541_92572.jpg



WS View: Headwall and flapgate at WS toe.

LM Start	13.13	Rating **	M	Issue No.	146
LM End	13.13	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.100513 °	38.100513 °
				-121.176497 °	-121.176497 °
DWR ID	DWR_NA0017_08_f_2022_146				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.13	Rating **	M	Issue No.	1158
LM End	13.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.100544 °	38.100544 °
				-121.176536 °	-121.176536 °
DWR ID	23769				
Comment Code					
Inspector Comment					
DS_ID:23769 FS_ID:77542 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. Standpipe, 24-inch OD, located landward of LS toe is discharging at storm drain inlet at LS toe. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.50). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.50)]. FS Date: 2/23/2021					

Photo 1 of 3 : UCIP_FA_2022_77542_92560.jpg



Crown Overview

LM Start	13.13	Rating **	M	Issue No.	1158 (cont)
LM End	13.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77542_92562.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.13	Rating **	M	Issue No.	1158 (cont)
LM End	13.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.100544 °	38.100544 °
				-121.176536 °	-121.176536 °
DWR ID	23769				

Photo 3 of 3 : UCIP_FA_2022_77542_92565.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	13.19	Rating **	C	Issue No.	161
LM End	13.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.101216 °	38.101409 °
				-121.177067 °	-121.177131 °
DWR ID	DWR_NA0017_08_s_2022_161				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.23	Rating **	M	Issue No.	1159
LM End	13.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101804 °	38.101804 °
				-121.177156 °	-121.177156 °
DWR ID	23770				
Comment Code					
Inspector Comment					
DS_ID:23770 FS_ID:77544 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. Slight weathering of interior pipe coating observed. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.60). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.60)]. FS Date: 2/23/2021					

Photo 1 of 2 : UCIP_FA_2022_77544_92552.jpg



LS View: Pipe at LS toe.

LM Start	13.23	Rating **	M	Issue No.	1159 (cont)
LM End	13.23	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2022_77544_92555.jpg



WS View: Flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.44	Rating **	M	Issue No.	1160	
LM End	13.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.104814 °	38.104814 °	
				-121.176570 °	-121.176570 °	
DWR ID	23771					
Comment Code						
Inspector Comment						
DS_ID:23771 FS_ID:77545 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. Leaf vegetation build-up present at LS toe. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 13.81). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.81)]. FS Date: 2/23/2021						

LM Start	13.44	Rating **	M	Issue No.	1160 (cont)
LM End	13.44	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2022_77545_92534.jpg



LS View: Headwall at LS toe.

Photo 2 of 2 : UCIP_FA_2022_77545_92537.jpg



WS View: Headwall and flapgate at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.78	Rating **	U	Issue No.	1161	
LM End	13.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.108581 °	38.108581 °	
				-121.172653 °	-121.172653 °	
DWR ID	23773					
Comment Code						
Inspector Comment						
DS_ID:23773 FS_ID:77547 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/23/2021 Record was updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Slight offset, <1-inch, observed within interior of pipe at approximately 10 feet inside pipe from LS pipe opening. Small gap, approximately 1/4-inch, present at base of pipe along exterior of pipe opening at LS toe. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.16). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.16)]. FS Date: 2/23/2021						

LM Start	13.78	Rating **	U	Issue No.	1161 (cont)
LM End	13.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77547_92517.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_77547_92519.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.78	Rating **	U	Issue No.	1161 (cont)	
LM End	13.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.108581 °	38.108581 °	
				-121.172653 °	-121.172653 °	
DWR ID	23773					

Photo 3 of 3 : UCIP_FA_2022_77547_92524.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	13.78	Rating **	M	Issue No.	1162
LM End	13.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.108594 °	38.108594 °
				-121.172640 °	-121.172640 °
DWR ID	23815				

Comment Code

Inspector Comment

DS_ID:23815
 FS_ID:77548
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)
 FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.16). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.16)].
 FS Date: 2/23/2021

Photo 1 of 3 : UCIP_FA_2022_77548_92508.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.78	Rating **	M	Issue No.	1162 (cont)
LM End	13.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.108594 °	38.108594 °
				-121.172640 °	-121.172640 °
DWR ID	23815				

Photo 2 of 3 : UCIP_FA_2022_77548_92510.jpg



LS View: Headwall at LS toe.

LM Start	13.78	Rating **	M	Issue No.	1162 (cont)
LM End	13.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77548_92514.jpg



WS View: Headwall and flapgate 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.97	Rating **	M	Issue No.	1164	
LM End	13.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.111250 °	38.111250 °	
				-121.172202 °	-121.172202 °	
DWR ID	23775					
Comment Code						
Inspector Comment						
DS_ID:23775 FS_ID:77550 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.35). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.35)]. FS Date: 2/23/2021						

Photo 1 of 3 : UCIP_FA_2022_77550_92493.jpg



Crown Overview - Storm drain located on upstream side of bridge.

LM Start	13.97	Rating **	M	Issue No.	1164 (cont)
LM End	13.97	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77550_92495.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	13.97	Rating **	M	Issue No.	1164 (cont)
LM End	13.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111250 °	38.111250 °
				-121.172202 °	-121.172202 °
DWR ID	23775				

Photo 3 of 3 : UCIP_FA_2022_77550_92498.jpg



WS View: Headwall and 24-inch flapgate at WS slope.

LM Start	14.08	Rating **	M	Issue No.	1165
LM End	14.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.112950 °	38.112950 °
				-121.171992 °	-121.171992 °
DWR ID	23776				

Comment Code

Inspector Comment

DS_ID:23776
 FS_ID:77551
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/23/2021 Pipe status is still 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. Observed small gap, approximately 1/4-inch wide, at base of pipe on LS toe. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)05/21/2014 Some silt buildup inside pipe. (W. Wylie - DWR DMP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.46). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.46)].
 FS Date: 2/23/2021

Photo 1 of 3 : UCIP_FA_2022_77551_92485.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.08	Rating **	M	Issue No.	1165 (cont)
LM End	14.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.112950 °	38.112950 °
				-121.171992 °	-121.171992 °
DWR ID	23776				

Photo 2 of 3 : UCIP_FA_2022_77551_92487.jpg



LS View: Headwall at LS toe.

LM Start	14.08	Rating **	M	Issue No.	1165 (cont)
LM End	14.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77551_92491.jpg



WS View: Headwall and flapgate at WS slope.

LM Start	14.30	Rating **	C	Issue No.	156
LM End	14.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			38.116016 °	38.116016 °
				-121.171655 °	-121.171655 °
DWR ID	DWR_NA0017_08_s_2022_156				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.31	Rating **	M	Issue No.	1167
LM End	14.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116164 °	38.116164 °
				-121.171657 °	-121.171657 °
DWR ID	23778				
Comment Code					
Inspector Comment					
DS_ID:23778 FS_ID:77553 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Pipe status is still 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski – GEI)05/21/2014 Some silt buildup inside pipe. (W. Wylie - DWR DMP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.69). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.69)]. FS Date: 2/23/2021					

LM Start	14.31	Rating **	M	Issue No.	1167 (cont)
LM End	14.31	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2022_77553_92472.jpg



LS View: Headwall at LS toe.

Photo 2 of 2 : UCIP_FA_2022_77553_92475.jpg



WS View: Headwall and flapgate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.32	Rating **	M	Issue No.	1168	
LM End	14.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.116420 °	38.116420 °	
				-121.171643 °	-121.171643 °	
DWR ID	23779					
Comment Code						
Inspector Comment						
DS_ID:23779 FS_ID:77555 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 14.70). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.70)]. FS Date: 2/23/2021						

Photo 1 of 3 : UCIP_FA_2022_77555_92457.jpg



Crown Overview - Utility across road.

LM Start	14.32	Rating **	M	Issue No.	1168 (cont)
LM End	14.32	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77555_92459.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.32	Rating **	M	Issue No.	1168 (cont)
LM End	14.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116420 °	38.116420 °
				-121.171643 °	-121.171643 °
DWR ID	23779				

Photo 3 of 3 : UCIP_FA_2022_77555_92463.jpg



WS View: Headwall and flapgate on WS slope.

LM Start	14.63	Rating **	U	Issue No.	154
LM End	14.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.120476 °	38.120476 °
				-121.169664 °	-121.169664 °
DWR ID	DWR_NA0017_08_s_2022_154				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is caving along the waterside bank near the shoulder. It measures approximately 12 ft wide, 4 ft deep, 12 ft long.					

Photo 1 of 1 : FA_2022_NA0017_152_154_20221025_00396.jpg



View of erosion 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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.67	Rating **	A/W	Issue No.	2
LM End	14.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.121103 °	38.121103 °
				-121.169363 °	-121.169363 °
DWR ID	NA0017U08RM21.46				
Comment Code					

Comment Code

Inspector Comment

Site ID: NA0017U08RM21.46

*This area is patrol road only and therefore the site is not rated
07/13/2022: No significant changes were observed during the annual survey.

06/22/2021: A large rodent hole was discovered at the bank toe a few feet upstream of the erosion. Otherwise, no significant changes were observed during the annual survey.

07/31/2020: Observed two scour locations at the toe, beneath the existing erosion, approximately 5 ft long and 3 to 4 high. Also noticed some signs of burrow activity.

08/01/2019: Erosion likely has been caused by rainfall runoff.

LM Start	14.67	Rating **	A/W	Issue No.	2 (cont)
LM End	14.68	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U08RM21.46_3.jpg



7/13/2022: View of the erosion looking upstream.

Photo 2 of 2 : SJR2022_NA0017U08RM21.46_4.jpg



7/13/2022: View of the erosion from the opposite bank.

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.70	Rating **	M	Issue No.	1169	
LM End	14.70	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.121425 °	38.121425 °	
				-121.169179 °	-121.169179 °	
DWR ID	23780					
Comment Code						
Inspector Comment						
DS_ID:23780 FS_ID:77556 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 3.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 15.08). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.08)]. FS Date: 2/23/2021						

LM Start	14.70	Rating **	M	Issue No.	1169 (cont)
LM End	14.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77556_92451.jpg



LS View: CM pipe at LS toe.

Photo 2 of 3 : UCIP_FA_2022_77556_92454.jpg



WS View: CM pipe and flapgate on WS 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.70	Rating **	M	Issue No.	1169 (cont)
LM End	14.70	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.121425 °	38.121425 °	
			-121.169179 °	-121.169179 °	
DWR ID	23780				

Photo 3 of 3 : UCIP_FA_2022_77556_92455.jpg



WS View: Pipe slightly corroded at outlet. Moisture observed in pipe, possible leakage occurring.

LM Start	14.85	Rating **	M	Issue No.	1170
LM End	14.85	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.123628 °	38.123628 °	
			-121.169175 °	-121.169175 °	
DWR ID	23781				

Comment Code

Inspector Comment

DS_ID:23781
 FS_ID:77557
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/23/2021 Record was 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. Tree on downstream side of WS headwall is causing slight separation between headwall and apron, 1- to 2-inch gap. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 15.24). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.24)].
 FS Date: 2/23/2021

Photo 1 of 3 : UCIP_FA_2022_77557_92398.jpg



LS View: Headwall 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	14.85	Rating **	M	Issue No.	1170 (cont)
LM End	14.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.123628 °	38.123628 °
				-121.169175 °	-121.169175 °
DWR ID	23781				

Photo 2 of 3 : UCIP_FA_2022_77557_92408.jpg



WS View: 24-inch flapgate at WS slope.

LM Start	14.85	Rating **	M	Issue No.	1170 (cont)
LM End	14.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77557_92415.jpg



WS View: Gap observed between headwall and apron on downstream side.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.05	Rating **	M	Issue No.	1171	
LM End	15.05	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.125741 °		38.125741 °
				-121.166840 °		-121.166840 °
DWR ID	23782					
Comment Code						
Inspector Comment						
DS_ID:23782 FS_ID:77559 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/23/2021 Record was 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 15.44). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.44)]. FS Date: 2/23/2021						

Photo 1 of 3 : UCIP_FA_2022_77559_92360.jpg



LS View: Headwall at LS toe.

LM Start	15.05	Rating **	M	Issue No.	1171 (cont)
LM End	15.05	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77559_92366.jpg



WS View: Headwall and flapgate 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.05	Rating **	M	Issue No.	1171 (cont)
LM End	15.05	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.125741 °	38.125741 °	
			-121.166840 °	-121.166840 °	
DWR ID	23782				

Photo 3 of 3 : UCIP_FA_2022_77559_92367.jpg



WS View: Small gap present on upstream side of headwall.

LM Start	15.62	Rating **	M	Issue No.	1173
LM End	15.62	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.129880 °	38.129880 °	
			-121.158017 °	-121.158017 °	
DWR ID	23784				

Comment Code

Inspector Comment

DS_ID:23784
 FS_ID:77567
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 02/25/2021 Record changed 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. Observed slight damage to concrete on LS headwall toe, but no noticeable integrity issues. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 3.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 16.02). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.02)].
 FS Date: 2/25/2021

Photo 1 of 3 : UCIP_FA_2022_77567_92186.jpg



Top of Levee

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.62	Rating **	M	Issue No.	1173 (cont)
LM End	15.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.129880 °	38.129880 °
				-121.158017 °	-121.158017 °
DWR ID	23784				

Photo 2 of 3 : UCIP_FA_2022_77567_92188.jpg



LS View: Headwall at LS toe.

LM Start	15.62	Rating **	M	Issue No.	1173 (cont)
LM End	15.62	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77567_92192.jpg



WS View: Headwall and 24-inch flapgate at 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.75	Rating **	M	Issue No.	1174	
LM End	15.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.129962 °	38.129962 °	
				-121.155657 °	-121.155657 °	
DWR ID	23785					
Comment Code						
Inspector Comment						
DS_ID:23785 FS_ID:77568 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 Record changed 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 1.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 16.15). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.15)]. FS Date: 2/25/2021						

Photo 1 of 3 : UCIP_FA_2022_77568_92179.jpg



Top of Levee

LM Start	15.75	Rating **	M	Issue No.	1174 (cont)
LM End	15.75	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77568_92181.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.75	Rating **	M	Issue No.	1174 (cont)	
LM End	15.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.129962 °	38.129962 °	
				-121.155657 °	-121.155657 °	
DWR ID	23785					

Photo 3 of 3 : UCIP_FA_2022_77568_92184.jpg



WS View: Headwall and 24-inch flapgate at WS slope.

LM Start	15.82	Rating **	U	Issue No.	1175
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130425 °	38.130425 °
				-121.154574 °	-121.154574 °
DWR ID	23786				

Photo 1 of 3 : UCIP_FA_2022_77569_92169.jpg



Top of Levee

Comment Code					
Inspector Comment					
DS_ID:23786 FS_ID:77569 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 02/25/2021 Record was updated from No Action Needed to Urgent due to a corroded through pipe wall at the WS pipe outlet and leakage observed at the LS pipe inlet. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. An additional 1-inch steel pipe oriented parallel to levee was observed approximately 1 foot adjacent to LS headwall at LS toe. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 16.22). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.22)]. FS Date: 2/25/2021					

* 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.82	Rating **	U	Issue No.	1175 (cont)
LM End	15.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130425 °	38.130425 °
				-121.154574 °	-121.154574 °
DWR ID	23786				

Photo 2 of 3 : UCIP_FA_2022_77569_92171.jpg



Headwall at LS toe.

LM Start	15.82	Rating **	U	Issue No.	1175 (cont)
LM End	15.82	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77569_92173.jpg



1-inch steel pipe observed adjacent to headwall at LS toe.

LM Start	15.83	Rating **	C	Issue No.	151
LM End	15.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130473 °	38.130473 °
				-121.154457 °	-121.154457 °
DWR ID	DWR_NA0017_08_s_2022_151				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.83	Rating **	C	Issue No.	152
LM End	15.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130474 °	38.130474 °
				-121.154456 °	-121.154456 °
DWR ID	DWR_NA0017_08_s_2022_152				
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

LM Start	15.87	Rating **	M	Issue No.	137
LM End	15.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.130927 °	38.130927 °
				-121.154073 °	-121.154073 °
DWR ID	DWR_NA0017_08_f_2022_137				
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 N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.88	Rating **	M	Issue No.	1176	
LM End	15.88	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.131106 °	38.131106 °	
				-121.153977 °	-121.153977 °	
DWR ID	23787					
Comment Code						
Inspector Comment						
DS_ID:23787 FS_ID:77570 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 02/25/2021 Record changed 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. The UCIP inspection was completed with LMA representative, J. Caruso. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990, (HLM 16.27). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.27)]. FS Date: 2/25/2021						

Photo 1 of 3 : UCIP_FA_2022_77570_92159.jpg



Crown Overview

LM Start	15.88	Rating **	M	Issue No.	1176 (cont)
LM End	15.88	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77570_92162.jpg



Concrete headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	15.32	10/05/2022 10/07/2022	Alberto De Leon

LM Start	15.88	Rating **	M	Issue No.	1176 (cont)
LM End	15.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131106 °	38.131106 °
				-121.153977 °	-121.153977 °
DWR ID	23787				

Photo 3 of 3 : UCIP_FA_2022_77570_92167.jpg



Headwall with 24-inch 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.09	Rating **	M	Issue No.	26
LM End	0.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.093870 °	38.093870 °
				-121.175159 °	-121.175159 °
DWR ID	23850				
Comment Code					
Inspector Comment					
DS_ID:23850 FS_ID:77575 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/27/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1977, 1978, 1987, 1990, (HLM 0.10). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.10), Unit 7 (HLM 7.19–16.77), Unit 8 (HLM 7.55–16.48), Unit 9 (HLM 0.10–1.52), Unit 10 (HLM 0.03–1.35), Unit 11 (HLM 0.16–3.55), Unit 12 (HLM 0.14–3.91), Unit 13 (HLM 0.03–1.18), Unit 14 (HLM 0.02–1.17), and 612 (addendum), February 1999]. FS Date: 4/27/2021					

Photo 1 of 3 : UCIP_FA_2022_77575_96876.jpg



Levee crown looking downstream.

LM Start	0.09	Rating **	M	Issue No.	26 (cont)
LM End	0.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77575_96877.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.09	Rating **	M	Issue No.	26 (cont)
LM End	0.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.093870 °	38.093870 °
				-121.175159 °	-121.175159 °
DWR ID	23850				

Photo 3 of 3 : UCIP_FA_2022_77575_96878.jpg



LS view: Slope and headwall from toe.

LM Start	0.13	Rating **	M	Issue No.	25
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.094055 °	38.094596 °
				-121.174555 °	-121.169122 °
DWR ID	DWR_NA0017_09_f_2022_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.44	Rating **	M	Issue No.	27
LM End	0.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094630 °	38.094630 °
				-121.168947 °	-121.168947 °
DWR ID	23856				
Comment Code					
Inspector Comment					
DS_ID:23856 FS_ID:77577 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch storm drainage pipe of an unknown material through the levee, at an unknown depth. Drainage structure at this location. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 0.44), (Station 23+20)]. FS Date: 4/27/2021					

LM Start	0.44	Rating **	M	Issue No.	27 (cont)
LM End	0.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77577_96889.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77577_96888.jpg



LS view: Slope from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.44	Rating **	M	Issue No.	27 (cont)
LM End	0.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094630 °	38.094630 °
				-121.168947 °	-121.168947 °
DWR ID	23856				

Photo 3 of 3 : UCIP_FA_2022_77577_96890.jpg



WS view: Slope from crown, no pipe visible.

LM Start	0.47	Rating **	M	Issue No.	17
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.094694 °	38.094694 °
				-121.168299 °	-121.168299 °
DWR ID	DWR_NA0017_09_f_2019_17				
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

LM Start	0.51	Rating **	C	Issue No.	13
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.094774 °	38.094774 °
				-121.167524 °	-121.167524 °
DWR ID	DWR_NA0017_09_f_2019_13				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.53	Rating **	M	Issue No.	24
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.094787 °	38.094810 °
				-121.167267 °	-121.167070 °
DWR ID	DWR_NA0017_09_f_2022_24				
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

LM Start	0.55	Rating **	M	Issue No.	28	
LM End	0.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094855 °	38.094855 °	
				-121.166867 °	-121.166867 °	
DWR ID	23853					
Comment Code						
Inspector Comment						
DS_ID:23853 FS_ID:77578 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/27/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.56). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.56)]. FS Date: 4/27/2021						

Photo 1 of 3 : UCIP_FA_2022_77578_96893.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.55	Rating **	M	Issue No.	28 (cont)
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094855 °	38.094855 °
				-121.166867 °	-121.166867 °
DWR ID	23853				

Photo 2 of 3 : UCIP_FA_2022_77578_96894.jpg



LS view: Toe from crown.

LM Start	0.55	Rating **	M	Issue No.	28 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77578_96895.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.61	Rating **	A/W	Issue No.	29
LM End	0.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.095005 °	38.095005 °
				-121.165847 °	-121.165847 °
DWR ID	23839				
Comment Code					
Inspector Comment					
DS_ID:23839 FS_ID:77579 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 04/27/2021 Pipe status is still No Action Needed. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next inspection in 5 years. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 06/19/2014 Suction hose and appurtances appear to be abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 8.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). Pump with suction hose sleeved through the storm drainage pipe located on the LS—removed during winter months. (Suction hose authorized under Permit No. 11530, 1976 - Constantine M. Copulos). [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.62). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.62), and 612 (addendum), February 1999, (HLM 0.61), (Station 32+46)]. FS Date: 4/27/2021					

LM Start	0.61	Rating **	A/W	Issue No.	29 (cont)
LM End	0.61	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77579_96901.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77579_96902.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.61	Rating **	A/W	Issue No.	29 (cont)
LM End	0.61	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.095005 °	38.095005 °	
			-121.165847 °	-121.165847 °	
DWR ID	23839				

Photo 3 of 3 : UCIP_FA_2022_77579_96903.jpg



LS view: Slope and headwall at toe.

LM Start	0.85	Rating **	M	Issue No.	30
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.094220 °	38.094220 °	
			-121.161651 °	-121.161651 °	
DWR ID	23840				

Comment Code

Inspector Comment

DS_ID:23840
 FS_ID:77580
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Did not inspect LS headwall due to steep slope and slippery rubble. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next 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 LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.86). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.86)].
 FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_77580_96906.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.85	Rating **	M	Issue No.	30 (cont)
LM End	0.85	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094220 °	38.094220 °
				-121.161651 °	-121.161651 °
DWR ID	23840				

Photo 2 of 3 : UCIP_FA_2022_77580_96907.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.85	Rating **	M	Issue No.	30 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77580_96905.jpg



LS view: Slope and headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.93	Rating **	M	Issue No.	31	
LM End	0.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094247 °	38.094247 °	
				-121.160271 °	-121.160271 °	
DWR ID	23841					
Comment Code						
Inspector Comment						
DS_ID:23841 FS_ID:77582 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 04/27/2021 Pipe status 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 LMA representative, J. Nelson. (H. Dunn – GEI) 06/19/2014 Sediment buildup inside pipe. (W. Wylie -DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Headwall at the landside (LS) toe. Cobble grouted spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 0.94). USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 0.93), (Station 49+30)]. FS Date: 4/27/2021						

LM Start	0.93	Rating **	M	Issue No.	31 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77582_96917.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77582_96919.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.93	Rating **	M	Issue No.	31 (cont)	
LM End	0.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.094247 °		38.094247 °
				-121.160271 °		-121.160271 °
DWR ID	23841					

Photo 3 of 3 : UCIP_FA_2022_77582_96920.jpg



LS view: Slope from toe.

LM Start	1.01	Rating **	M	Issue No.	32
LM End	1.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094280 °	38.094280 °
				-121.158697 °	-121.158697 °
DWR ID	23858				

Comment Code

Inspector Comment

DS_ID:23858
 FS_ID:77583
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, at an unknown depth. [Additional Reference(s): USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 1.02), (Station 54+05)].
 FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_77583_96922.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.01	Rating **	M	Issue No.	32 (cont)
LM End	1.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094280 °	38.094280 °
				-121.158697 °	-121.158697 °
DWR ID	23858				

Photo 2 of 3 : UCIP_FA_2022_77583_96923.jpg



LS view: Slope from crown, no pipe visible.

LM Start	1.01	Rating **	M	Issue No.	32 (cont)
LM End	1.01	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77583_96924.jpg



WS view: Slope from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.02	Rating **	U	Issue No.	33
LM End	1.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094287 °	38.094287 °
				-121.158599 °	-121.158599 °
DWR ID	23842				
Comment Code					
Inspector Comment					
DS_ID:23842 FS_ID:77584 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/27/2021 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.03). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.03)]. FS Date: 4/27/2021					

LM Start	1.02	Rating **	U	Issue No.	33 (cont)
LM End	1.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77584_96928.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77584_96929.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.02	Rating **	U	Issue No.	33 (cont)
LM End	1.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094287 °	38.094287 °
				-121.158599 °	-121.158599 °
DWR ID	23842				

Photo 3 of 3 : UCIP_FA_2022_77584_96930.jpg



LS view: Toe from crown.

LM Start	1.08	Rating **	M	Issue No.	34
LM End	1.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094318 °	38.094318 °
				-121.157487 °	-121.157487 °
DWR ID	23843				

Comment Code

Inspector Comment

DS_ID:23843
 FS_ID:77585
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/27/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. One corrugated metal cutoff wall. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.09). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.09), and 612 (addendum), February 1999, (HLM 1.09), (Station 57+30)].
 FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_77585_96936.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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.08	Rating **	M	Issue No.	34 (cont)
LM End	1.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094318 °	38.094318 °
				-121.157487 °	-121.157487 °
DWR ID	23843				

Photo 2 of 3 : UCIP_FA_2022_77585_96937.jpg



LS view: Headwall visible at toe from crown.

LM Start	1.08	Rating **	M	Issue No.	34 (cont)
LM End	1.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77585_96938.jpg



LS view: Slope and headwall at toe.

LM Start	1.12	Rating **	C	Issue No.	21
LM End	1.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.094324 °	38.094324 °
				-121.156695 °	-121.156695 °
DWR ID	DWR_NA0017_09_s_2022_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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.16	Rating **	U	Issue No.	35
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094356 °	38.094356 °
				-121.155924 °	-121.155924 °
DWR ID	23844				
Comment Code					
Inspector Comment					
DS_ID:23844 FS_ID:77586 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 04/27/2021 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Headwall on the landside (LS) toe. Cobble grouted spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.18). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.18), and 612 (addendum), February 1999, (HLM 1.17), (Station 61+82)]. FS Date: 4/27/2021					

Photo 1 of 3 : UCIP_FA_2022_77586_96942.jpg



Levee crown looking downstream.

LM Start	1.16	Rating **	U	Issue No.	35 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_77586_96944.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.16	Rating **	U	Issue No.	35 (cont)
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094356 °	38.094356 °
				-121.155924 °	-121.155924 °
DWR ID	23844				

Photo 3 of 3 : UCIP_FA_2022_77586_96945.jpg



LS view: Slope and headwall at toe.

LM Start	1.22	Rating **	M	Issue No.	36
LM End	1.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094423 °	38.094423 °
				-121.154902 °	-121.154902 °
DWR ID	23845				

Comment Code

Inspector Comment

DS_ID:23845
 FS_ID:77587
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/27/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end.
 [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.23). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.23), and 612 (addendum), February 1999, (HLM 1.23), (Station 64+78)].
 FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_77587_96949.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.22	Rating **	M	Issue No.	36 (cont)
LM End	1.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094423 °	38.094423 °
				-121.154902 °	-121.154902 °
DWR ID	23845				

Photo 2 of 3 : UCIP_FA_2022_77587_96950.jpg



LS view: Headwall visible at toe from crown.

LM Start	1.22	Rating **	M	Issue No.	36 (cont)
LM End	1.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77587_96951.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.44	Rating **	M	Issue No.	37	
LM End	1.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094073 °	38.094073 °	
				-121.150947 °	-121.150947 °	
DWR ID	23847					
Comment Code						
Inspector Comment						
DS_ID:23847 FS_ID:77589 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/27/2021 Pipe status is still Non-Urgent. Barbed wire limiting closeup inspection of WS flapgate, but looked fine from afar. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next 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 LMA representative, J. Nelson. (H. Dunn – GEI) 06/19/2014 Flapgate blocked by soil and possibly concrete on WS slope. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 21-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.45). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.45), and 612 (addendum), February 1999, (HLM 1.45), (Station 76+42)]. FS Date: 4/27/2021						

LM Start	1.44	Rating **	M	Issue No.	37 (cont)
LM End	1.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77589_96963.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_77589_96966.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.44	Rating **	M	Issue No.	37 (cont)
LM End	1.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094073 °	38.094073 °
				-121.150947 °	-121.150947 °
DWR ID	23847				

Photo 3 of 3 : UCIP_FA_2022_77589_96961.jpg



LS view: Slope and headwall at toe.

LM Start	1.45	Rating **	M	Issue No.	38
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094093 °	38.094093 °
				-121.150703 °	-121.150703 °
DWR ID	23848				

Comment Code

Inspector Comment

DS_ID:23848
 FS_ID:77590
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 04/27/2021 The record has been upgraded from No Action Needed to 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 pipe edges midly warped. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 21-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end.
 [Additional Reference(s): DWR Levee Log, 1987, (HLM 1.47). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.47)].
 FS Date: 4/27/2021

Photo 1 of 3 : UCIP_FA_2022_77590_96969.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.45	Rating **	M	Issue No.	38 (cont)
LM End	1.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094093 °	38.094093 °
				-121.150703 °	-121.150703 °
DWR ID	23848				

Photo 2 of 3 : UCIP_FA_2022_77590_96970.jpg



LS view: Toe from crown.

LM Start	1.45	Rating **	M	Issue No.	38 (cont)
LM End	1.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77590_96971.jpg



LS view: Close up of pipe inlet at toe, minor warping on edges.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	20	
LM End	0.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094170 °	38.094170 °	
				-121.175555 °	-121.175555 °	
DWR ID	23859					
Comment Code						
Inspector Comment						
DS_ID:23859 FS_ID:77592 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.03). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.03)]. FS Date: 4/29/2021						

LM Start	0.03	Rating **	M	Issue No.	20 (cont)
LM End	0.03	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77592_97221.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77592_97222.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	20 (cont)
LM End	0.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094170 °	38.094170 °
				-121.175555 °	-121.175555 °
DWR ID	23859				

Photo 3 of 3 : UCIP_FA_2022_77592_97223.jpg



LS view: Close up of pipe inlet at toe.

LM Start	0.24	Rating **	M	Issue No.	21
LM End	0.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094879 °	38.094879 °
				-121.171734 °	-121.171734 °
DWR ID	23860				

Comment Code

Inspector Comment

DS_ID:23860
FS_ID:77593
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 7.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.24). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.24)].
FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77593_97226.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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.24	Rating **	M	Issue No.	21 (cont)
LM End	0.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094879 °	38.094879 °
				-121.171734 °	-121.171734 °
DWR ID	23860				

Photo 2 of 3 : UCIP_FA_2022_77593_97227.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.24	Rating **	M	Issue No.	21 (cont)
LM End	0.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77593_97228.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.36	Rating **	M	Issue No.	22
LM End	0.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.095035 °	38.095035 °
				-121.168334 °	-121.168334 °
DWR ID	23861				
Comment Code					
Inspector Comment					
DS_ID:23861 FS_ID:77594 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.36). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.36)]. FS Date: 4/29/2021					

LM Start	0.36	Rating **	M	Issue No.	22 (cont)
LM End	0.36	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77594_97235.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77594_97236.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.36	Rating **	M	Issue No.	22 (cont)	
LM End	0.36	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.095035 °		38.095035 °
				-121.168334 °		-121.168334 °
DWR ID	23861					

Photo 3 of 3 : UCIP_FA_2022_77594_97237.jpg



LS view: Slope and headwall at toe.

LM Start	0.45	Rating **	M	Issue No.	24
LM End	0.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.095271 °	38.095271 °
				-121.166654 °	-121.166654 °
DWR ID	23863				

Comment Code

Inspector Comment

DS_ID:23863
FS_ID:77596
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/29/2021 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. Something is peeling away inside the pipe inlet, possibly just the liner. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.46). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.46)].
FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77596_97247.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.45	Rating **	M	Issue No.	24 (cont)
LM End	0.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.095271 °	38.095271 °
				-121.166654 °	-121.166654 °
DWR ID	23863				

Photo 2 of 3 : UCIP_FA_2022_77596_97248.jpg



WS view: Headwall visible at toe from crown.

LM Start	0.45	Rating **	M	Issue No.	24 (cont)
LM End	0.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77596_97249.jpg



WS view: Slope, headwall, and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.57	Rating **	M	Issue No.	25	
LM End	0.57	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094837 °	38.094837 °	
				-121.164562 °	-121.164562 °	
DWR ID	23864					
Comment Code						
Inspector Comment						
DS_ID:23864 FS_ID:77597 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). (3-inch polyvinyl chloride [PVC] pipe sleeved through 24-inch pipe authorized under Permit No. 11617, 1976 - Tom Patterson). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.58). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.58)]. FS Date: 4/29/2021						

LM Start	0.57	Rating **	M	Issue No.	25 (cont)
LM End	0.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77597_97258.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77597_97259.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.57	Rating **	M	Issue No.	25 (cont)
LM End	0.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094837 °	38.094837 °
				-121.164562 °	-121.164562 °
DWR ID	23864				

Photo 3 of 3 : UCIP_FA_2022_77597_97260.jpg



LS view: Slope above headwall from toe.

LM Start	0.59	Rating **	C	Issue No.	15
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.094690 °	38.094690 °
				-121.164339 °	-121.164339 °
DWR ID	DWR_NA0017_10_s_2019_15				
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 N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	26	
LM End	0.86	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094639 °	38.094639 °	
				-121.159426 °	-121.159426 °	
DWR ID	23865					
Comment Code						
Inspector Comment						
DS_ID:23865 FS_ID:77598 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.86). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.86)]. FS Date: 4/29/2021						

LM Start	0.86	Rating **	M	Issue No.	26 (cont)
LM End	0.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77598_97264.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77598_97265.jpg



LS view: Headwall visible at toe from crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	26 (cont)
LM End	0.86	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.094639 °	38.094639 °	
			-121.159426 °	-121.159426 °	
DWR ID	23865				

Photo 3 of 3 : UCIP_FA_2022_77598_97266.jpg



LS view: Slope and headwall at toe.

LM Start	1.08	Rating **	M	Issue No.	27
LM End	1.08	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.094639 °	38.094639 °	
			-121.155329 °	-121.155329 °	
DWR ID	23866				

Comment Code

Inspector Comment

DS_ID:23866
FS_ID:77599
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue:
Crossing Status: Found
UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI)
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 5.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.09). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.09)].
FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77599_97270.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.08	Rating **	M	Issue No.	27 (cont)
LM End	1.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094699 °	38.094699 °
				-121.155329 °	-121.155329 °
DWR ID	23866				

Photo 2 of 3 : UCIP_FA_2022_77599_97271.jpg



LS view: Headwall visible at toe from crown.

LM Start	1.08	Rating **	M	Issue No.	27 (cont)
LM End	1.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77599_97272.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.32	Rating **	M	Issue No.	28	
LM End	1.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.094351 °	38.094351 °	
				-121.150962 °	-121.150962 °	
DWR ID	23867					
Comment Code						
Inspector Comment						
DS_ID:23867 FS_ID:77600 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 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 LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 4.0 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.33). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.33)]. FS Date: 4/29/2021						

LM Start	1.32	Rating **	M	Issue No.	28 (cont)
LM End	1.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77600_97278.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77600_97279.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.32	Rating **	M	Issue No.	28 (cont)
LM End	1.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094351 °	38.094351 °
				-121.150962 °	-121.150962 °
DWR ID	23867				

Photo 3 of 3 : UCIP_FA_2022_77600_97280.jpg



LS view: Slope and headwall at toe.

LM Start	1.34	Rating **	U	Issue No.	29
LM End	1.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094311 °	38.094311 °
				-121.150715 °	-121.150715 °
DWR ID	23868				

Comment Code

Inspector Comment

DS_ID:23868
 FS_ID:77601
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 04/29/2021 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn ? GEI)04/28/2017 Crossing has been downgraded from Non-Urgent to No Action Needed, since sediment buildup is only minimal. (K. Fazel - UCIP)06/19/2014 Some sediment buildup in pipe at LS toe. (G. Wylie - FPIIB)
 FIELD_STRUCT_DESC: 30-inch corrugated metal storm drainage pipe (CMP) through the levee, 6.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.35). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.35)].
 FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77601_97285.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.41	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.34	Rating **	U	Issue No.	29 (cont)
LM End	1.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.094311 °	38.094311 °
				-121.150715 °	-121.150715 °
DWR ID	23868				

Photo 2 of 3 : UCIP_FA_2022_77601_97286.jpg



LS view: Slope from crown.

LM Start	1.34	Rating **	U	Issue No.	29 (cont)
LM End	1.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77601_97287.jpg



LS view: Slope and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.06	Rating **	C	Issue No.	33
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.095729 °	38.095729 °
				-121.169335 °	-121.169335 °
DWR ID	DWR_NA0017_11_s_2022_33				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.16	Rating **	M	Issue No.	207	
LM End	0.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.097164 °	38.097164 °	
				-121.169289 °	-121.169289 °	
DWR ID	23880					
Comment Code						
Inspector Comment						
DS_ID:23880 FS_ID:59640 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.16). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.16)]. FS Date: 7/3/2020						

Photo 1 of 3 : UCIP_FA_2022_59640_86887.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.16	Rating **	M	Issue No.	207 (cont)
LM End	0.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.097164 °	38.097164 °
				-121.169289 °	-121.169289 °
DWR ID	23880				

Photo 2 of 3 : UCIP_FA_2022_59640_86888.jpg



Pipe inlet and headwall at LS levee toe.

LM Start	0.16	Rating **	M	Issue No.	207 (cont)
LM End	0.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59640_86889.jpg



Pipe inlet, headwall, and flap gate at LS levee toe.

LM Start	0.30	Rating **	M	Issue No.	38
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.099153 °	38.099153 °
				-121.169315 °	-121.169315 °
DWR ID	DWR_NA0017_11_s_2022_38				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.47	Rating **	M	Issue No.	208
LM End	0.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101560 °	38.101560 °
				-121.168634 °	-121.168634 °
DWR ID	23881				
Comment Code					
Inspector Comment					
DS_ID:23881 FS_ID:59641 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) 06/12/2014 Slide gate does not function properly up or down. (DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in 36-inch corrugated metal riser unit on the waterside (WS). Concrete U-shaped headwall on the WS end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.47). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.47)]. FS Date: 7/3/2020					

LM Start	0.47	Rating **	M	Issue No.	208 (cont)
LM End	0.47	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59641_86893.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59641_86894.jpg



Pipe inlet at the LS levee toe. No 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.47	Rating **	M	Issue No.	208 (cont)
LM End	0.47	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.101560 °	38.101560 °	
			-121.168634 °	-121.168634 °	
DWR ID	23881				

Photo 3 of 3 : UCIP_FA_2022_59641_86895.jpg



Riser and slide gate at the WS levee toe.

LM Start	0.50	Rating **	M	Issue No.	209
LM End	0.50	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.101930 °	38.101930 °	
			-121.168424 °	-121.168424 °	
DWR ID	23882				

Comment Code

Inspector Comment

DS_ID:23882
 FS_ID:74838
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 5, Pipe Damage
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 02/21/2020. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.50). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.50)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_74838_86906.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.50	Rating **	M	Issue No.	209 (cont)
LM End	0.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101930 °	38.101930 °
				-121.168424 °	-121.168424 °
DWR ID	23882				

Photo 2 of 3 : UCIP_FA_2022_74838_86907.jpg



Pipe inlet and headwall at the LS levee toe.

LM Start	0.50	Rating **	M	Issue No.	209 (cont)
LM End	0.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_74838_86908.jpg



Pipe inlet and headwall at the LS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.56	Rating **	M	Issue No.	210
LM End	0.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.102509 °	38.102509 °
				-121.167694 °	-121.167694 °
DWR ID	23883				
Comment Code					
Inspector Comment					
DS_ID:23883 FS_ID:59643 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 02-21-2020. (A. McDonald - DWR UCIP) 06/12/2014 Pipe filled in with soil on the LS toe and appears to be temporarily abandoned. (DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.55). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.55)]. FS Date: 7/3/2020					

LM Start	0.56	Rating **	M	Issue No.	210 (cont)
LM End	0.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59643_86911.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59643_86912.jpg



Pipe inlet and headwall at the LS levee 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.56	Rating **	M	Issue No.	210 (cont)
LM End	0.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.102509 °	38.102509 °	
			-121.167694 °	-121.167694 °	
DWR ID	23883				

Photo 3 of 3 : UCIP_FA_2022_59643_86913.jpg



Pipe outlet, headwall, and flap gate at the WS levee toe.

LM Start	0.56	Rating **	M	Issue No.	35
LM End	0.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.102512 °	38.102512 °
				-121.167613 °	-121.167613 °
DWR ID	DWR_NA0017_11_f_2022_35				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
There is a palm tree growing on the landside slope.					

Photo 1 of 1 : FA_2022_NA0017_155_35_20221023_00102.jpg



View of Palm tree growing on the landside slope. Fall 2022

LM Start	0.62	Rating **	M	Issue No.	44
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.102872 °	38.103203 °
				-121.166526 °	-121.166281 °
DWR ID	DWR_NA0017_11_f_2022_44				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.74	Rating **	M	Issue No.	46
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.104545 °	38.108813 °
				-121.166266 °	-121.166150 °
DWR ID	DWR_NA0017_11_f_2022_46				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.06	Rating **	M	Issue No.	211
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.109117 °	38.109117 °
				-121.165940 °	-121.165940 °
DWR ID	23885				
Comment Code					
Inspector Comment					
DS_ID:23885 FS_ID:59645 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-24-2020. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Cobble grouted spillway. Cobble grouted intake on the LS. [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.07). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.07)]. FS Date: 7/3/2020					

Photo 1 of 3 : UCIP_FA_2022_59645_86934.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.06	Rating **	M	Issue No.	211 (cont)
LM End	1.06	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.109117 °	38.109117 °
				-121.165940 °	-121.165940 °
DWR ID	23885				

Photo 2 of 3 : UCIP_FA_2022_59645_86930.jpg



View of pipe inlet, headwall, and slide gate at the LS levee toe.

LM Start	1.06	Rating **	M	Issue No.	211 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59645_86931.jpg



Pipe inlet, headwall, and slide gate at the LS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.14	Rating **	M	Issue No.	212	
LM End	1.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.109641 °	38.109641 °	
				-121.164676 °	-121.164676 °	
DWR ID	23870					
Comment Code						
Inspector Comment						
DS_ID:23870 FS_ID:59646 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end. Two corrugated metal cutoff walls. Cobble grouted spillway. Cobble grouted intake on the LS. [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.15). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.15)]. FS Date: 7/3/2020						

LM Start	1.14	Rating **	M	Issue No.	212 (cont)
LM End	1.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59646_86936.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59646_86937.jpg



Pipe inlet, headwall, and slide gate at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.14	Rating **	M	Issue No.	212 (cont)	
LM End	1.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.109641 °	38.109641 °	
				-121.164676 °	-121.164676 °	
DWR ID	23870					

Photo 3 of 3 : UCIP_FA_2022_59646_86938.jpg



View of WS channel looking from the levee crown.

LM Start	1.50	Rating **	M	Issue No.	213
LM End	1.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111824 °	38.111824 °
				-121.160037 °	-121.160037 °
DWR ID	23871				

Comment Code

Inspector Comment

DS_ID:23871
 FS_ID:59647
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 06/12/2014 Slide gate may be rusted shut or does not function. Heavy sediment buildup in pipe. Lid on CMP riser needs repair. (DWR UCIP)
 FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Slide gate in 48-inch corrugated metal riser unit on the waterside (WS) slope. Concrete U-shaped headwall on both ends. Flap gate on the WS end. Cobble grouted spillway. Cobble grouted intake on the landside (LS).
 [Additional Reference(s): DWR Levee Log, 1978 (HLM 1.51). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.51)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59647_86960.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.50	Rating **	M	Issue No.	213 (cont)
LM End	1.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111824 °	38.111824 °
				-121.160037 °	-121.160037 °
DWR ID	23871				

Photo 2 of 3 : UCIP_FA_2022_59647_86961.jpg



Two pipe inlets and headwall at the LS levee toe.

LM Start	1.50	Rating **	M	Issue No.	213 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59647_86962.jpg



Two slide gates and risers on the WS levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.50	Rating **	M	Issue No.	214	
LM End	1.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.111830 °		38.111830 °
				-121.160019 °		-121.160019 °
DWR ID	23897					
Comment Code						
Inspector Comment						
DS_ID:23897 FS_ID:59648 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) 06/12/2014 Slide gate not functional or rusted in place. No lid on CMP riser at WS slope. (DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Slide gate in 48-inch corrugated metal riser unit on the waterside (WS) slope. Concrete U-shaped headwall on both ends. Flap gate on the WS end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978 (HLM 1.51). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.51)]. FS Date: 7/3/2020						

Photo 1 of 3 : UCIP_FA_2022_59648_86965.jpg



Overview of levee crown looking d/s.

LM Start	1.50	Rating **	M	Issue No.	214 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_59648_86966.jpg



Two pipe inlets and headwall at the LS levee 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.81	Rating **	M	Issue No.	215 (cont)	
LM End	1.81	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.114551 °	38.114551 °	
				-121.156224 °	-121.156224 °	
DWR ID	23872					

Photo 2 of 3 : UCIP_FA_2022_59649_86979.jpg



Pipe inlet and headwall located at the LS levee toe.

LM Start	1.81	Rating **	M	Issue No.	215 (cont)
LM End	1.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59649_86980.jpg



Overview of WS channel looking from the 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.04	Rating **	M	Issue No.	216
LM End	2.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117176 °	38.117176 °
				-121.154019 °	-121.154019 °
DWR ID	23874				
Comment Code					
Inspector Comment					
DS_ID:23874 FS_ID:59651 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.05). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.05)]. FS Date: 7/3/2020					

LM Start	2.04	Rating **	M	Issue No.	216 (cont)
LM End	2.04	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59651_86988.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59651_86989.jpg



Inlet pipe and headwall located at the LS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.04	Rating **	M	Issue No.	216 (cont)
LM End	2.04	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117176 °	38.117176 °
				-121.154019 °	-121.154019 °
DWR ID	23874				

Photo 3 of 3 : UCIP_FA_2022_59651_86990.jpg



Outlet pipe, flap gate, and headwall located at the WS levee toe.

LM Start	2.12	Rating **	U	Issue No.	217
LM End	2.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117580 °	38.117580 °
				-121.152490 °	-121.152490 °
DWR ID	23875				

Comment Code

Inspector Comment

DS_ID:23875
 FS_ID:59652
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Drop inlet with grate at the landside (LS) toe. Spillway cobble grouted. [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.14). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.14)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59652_86991.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.12	Rating **	U	Issue No.	217 (cont)
LM End	2.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117580 °	38.117580 °
				-121.152490 °	-121.152490 °
DWR ID	23875				

Photo 2 of 3 : UCIP_FA_2022_59652_86992.jpg



View of pipe inlet at the LS levee toe.

LM Start	2.12	Rating **	U	Issue No.	217 (cont)
LM End	2.12	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59652_86993.jpg



View of WS berm and channel looking from the 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.20	Rating **	M	Issue No.	218
LM End	2.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117920 °	38.117920 °
				-121.151120 °	-121.151120 °
DWR ID	23876				
Comment Code					
Inspector Comment					
DS_ID:23876 FS_ID:59653 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) 06/12/2014 Concrete inlet at LS of East Kettleman road is damaged...may or may not be a hazard. (DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. Cobble grouted spillway. 36-inch concrete catch basin on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.22). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.22)]. FS Date: 7/3/2020					

LM Start	2.20	Rating **	M	Issue No.	218 (cont)
LM End	2.20	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59653_86996.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59653_86997.jpg



View of channel on WS and opposite levee.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.20	Rating **	M	Issue No.	218 (cont)
LM End	2.20	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117920 °	38.117920 °
				-121.151120 °	-121.151120 °
DWR ID	23876				

Photo 3 of 3 : UCIP_FA_2022_59653_86998.jpg



View of LS and pipe inlet.

LM Start	2.22	Rating **	M	Issue No.	219
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.118083 °	38.118083 °
				-121.150782 °	-121.150782 °
DWR ID	23878				

Comment Code

Inspector Comment

DS_ID:23878
 FS_ID:59656
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.24). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.24)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59656_87021.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.22	Rating **	M	Issue No.	219 (cont)
LM End	2.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.118083 °	38.118083 °
				-121.150782 °	-121.150782 °
DWR ID	23878				

Photo 2 of 3 : UCIP_FA_2022_59656_87022.jpg



View of pipe outlet, WS channel, and opposite levee looking from the levee crown.

LM Start	2.22	Rating **	M	Issue No.	219 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59656_87023.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.33	Rating **	U	Issue No.	49
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.118393 °	38.118393 °
				-121.148896 °	-121.148896 °
DWR ID	DWR_NA0017_11_f_2022_49				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
There is Arundo on the landside slope.					

Photo 1 of 1 : FA_2022_NA0017_155_49_20221023_00104.jpg



View of Arundo growing along 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.34	Rating **	M	Issue No.	50
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.118472 °	38.118472 °
				-121.148816 °	-121.148816 °
DWR ID	DWR_NA0017_11_f_2022_50				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.41	Rating **	M	Issue No.	41
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.119248 °	38.119248 °
				-121.148125 °	-121.148125 °
DWR ID	DWR_NA0017_11_f_2019_41				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.43	Rating **	M	Issue No.	220
LM End	2.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.119587 °	38.119587 °
				-121.147961 °	-121.147961 °
DWR ID	23886				
Comment Code					
Inspector Comment					
DS_ID:23886 FS_ID:59658 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.44). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.44)]. FS Date: 7/3/2020					

LM Start	2.43	Rating **	M	Issue No.	220 (cont)
LM End	2.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59658_87027.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59658_87028.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.43	Rating **	M	Issue No.	220 (cont)
LM End	2.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.119587 °	38.119587 °
				-121.147961 °	-121.147961 °
DWR ID	23886				

Photo 3 of 3 : UCIP_FA_2022_59658_87029.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.44	Rating **	M	Issue No.	51
LM End	2.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.119715 °	38.122373 °
				-121.147913 °	-121.144931 °
DWR ID	DWR_NA0017_11_f_2022_51				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.46	Rating **	M	Issue No.	221
LM End	2.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.120062 °	38.120062 °
				-121.147791 °	-121.147791 °
DWR ID	23887				
Comment Code					
Inspector Comment					
DS_ID:23887					
FS_ID:59659					
EP_NO: N/A					
Repair Type: Non-Urgent					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)					
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.48). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.48)].					
FS Date: 7/3/2020					

Photo 1 of 3 : UCIP_FA_2022_59659_87030.jpg



Overview of levee crown looking d/s.

LM Start	2.46	Rating **	M	Issue No.	221 (cont)
LM End	2.46	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_59659_87031.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.46	Rating **	M	Issue No.	221 (cont)
LM End	2.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.120062 °	38.120062 °
				-121.147791 °	-121.147791 °
DWR ID	23887				

Photo 3 of 3 : UCIP_FA_2022_59659_87032.jpg



View of pipe outlet and channel located on the WS.

LM Start	2.57	Rating **	M	Issue No.	222
LM End	2.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.121460 °	38.121460 °
				-121.147020 °	-121.147020 °
DWR ID	23888				

Comment Code

Inspector Comment

DS_ID:23888
 FS_ID:59660
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.58). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.58)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59660_87034.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.57	Rating **	M	Issue No.	222 (cont)
LM End	2.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.121460 °	38.121460 °
				-121.147020 °	-121.147020 °
DWR ID	23888				

Photo 2 of 3 : UCIP_FA_2022_59660_87035.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.57	Rating **	M	Issue No.	222 (cont)
LM End	2.57	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59660_87036.jpg



View of pipe outlet, flap gate, headwall, and splash apron located on the WS levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.71	Rating **	M	Issue No.	223
LM End	2.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.122345 °	38.122345 °
				-121.144949 °	-121.144949 °
DWR ID	23890				
Comment Code					
Inspector Comment					
DS_ID:23890 FS_ID:74839 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). (Positive closure device installed on intake end under Permit No. 17426, 2003 - Western Dairy Design Associates, Inc.). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.73). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.73)]. FS Date: 7/3/2020					

LM Start	2.71	Rating **	M	Issue No.	223 (cont)
LM End	2.71	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_74839_87045.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_74839_87046.jpg



View of pipe inlet and headwall located at the LS levee 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.71	Rating **	M	Issue No.	223 (cont)
LM End	2.71	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.122345 °	38.122345 °	
			-121.144949 °	-121.144949 °	
DWR ID	23890				

Photo 3 of 3 : UCIP_FA_2022_74839_87047.jpg



View of pipe outlet, flap gate, headwall, and splash apron located at the WS levee toe.

LM Start	2.86	Rating **	M	Issue No.	224
LM End	2.86	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.124516 °	38.124516 °	
			-121.144331 °	-121.144331 °	
DWR ID	23891				

Comment Code

Inspector Comment

DS_ID:23891
 FS_ID:59663
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.88). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.88)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59663_87048.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.86	Rating **	M	Issue No.	224 (cont)
LM End	2.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.124516 °	38.124516 °
				-121.144331 °	-121.144331 °
DWR ID	23891				

Photo 2 of 3 : UCIP_FA_2022_59663_87049.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.86	Rating **	M	Issue No.	224 (cont)
LM End	2.86	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59663_87050.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.02	Rating **	M	Issue No.	225
LM End	3.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.126690 °	38.126690 °
				-121.144040 °	-121.144040 °
DWR ID	23892				
Comment Code					
Inspector Comment					
DS_ID:23892 FS_ID:59665 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because this is an abandoned encroachment. Video inspection performed on 02-21-2020. (A. McDonald - DWR UCIP) 06/11/2014 Pipe abandoned and if so should be done so properly. Verify if possible pipe filled with concrete. (DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). (Intake end plugged, and pipe filled with concrete under Permit No. 17426, 2003 - Western Dairy Design Associates, Inc.). [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.04). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.04)]. FS Date: 7/3/2020					

LM Start	3.02	Rating **	M	Issue No.	225 (cont)
LM End	3.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59665_87054.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59665_87055.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.02	Rating **	M	Issue No.	225 (cont)
LM End	3.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.126690 °	38.126690 °
				-121.144040 °	-121.144040 °
DWR ID	23892				

Photo 3 of 3 : UCIP_FA_2022_59665_87056.jpg



View of pipe outlet and WS channel.

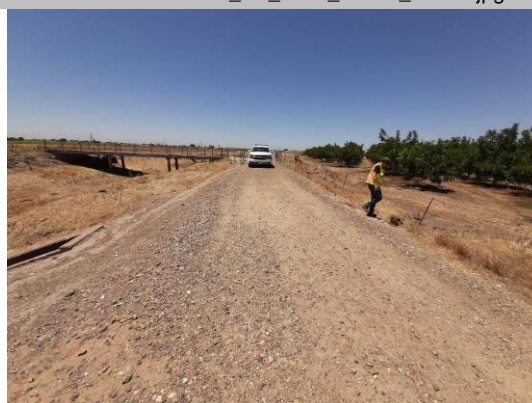
LM Start	3.13	Rating **	M	Issue No.	226
LM End	3.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.127210 °	38.127210 °
				-121.142099 °	-121.142099 °
DWR ID	23893				

Comment Code

Inspector Comment

DS_ID:23893
 FS_ID:59666
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.15). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.15)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59666_87058.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.13	Rating **	M	Issue No.	226 (cont)
LM End	3.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.127210 °	38.127210 °
				-121.142099 °	-121.142099 °
DWR ID	23893				

Photo 2 of 3 : UCIP_FA_2022_59666_87059.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	3.13	Rating **	M	Issue No.	226 (cont)
LM End	3.13	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59666_87060.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.45	Rating **	M	Issue No.	227
LM End	3.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130683 °	38.130683 °
				-121.139092 °	-121.139092 °
DWR ID	23895				
Comment Code					
Inspector Comment					
DS_ID:23895 FS_ID:59668 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.47). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.47)]. FS Date: 7/3/2020					

LM Start	3.45	Rating **	M	Issue No.	227 (cont)
LM End	3.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59668_87065.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59668_87066.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.45	Rating **	M	Issue No.	227 (cont)
LM End	3.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130683 °	38.130683 °
				-121.139092 °	-121.139092 °
DWR ID	23895				

Photo 3 of 3 : UCIP_FA_2022_59668_87067.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	3.46	Rating **	M	Issue No.	52
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.130886 °	38.131620 °
				-121.138987 °	-121.138834 °
DWR ID	DWR_NA0017_11_f_2022_52				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.53	Rating **	M	Issue No.	228
LM End	3.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131754 °	38.131754 °
				-121.138824 °	-121.138824 °
DWR ID	23896				
Comment Code					
Inspector Comment					
DS_ID:23896 FS_ID:59669 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.55). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.55)]. FS Date: 7/3/2020					

LM Start	3.53	Rating **	M	Issue No.	228 (cont)
LM End	3.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59669_87068.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59669_87069.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.53	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.53	Rating **	M	Issue No.	228 (cont)
LM End	3.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131754 °	38.131754 °
				-121.138824 °	-121.138824 °
DWR ID	23896				

Photo 3 of 3 : UCIP_FA_2022_59669_87070.jpg



Drainage pipe under driveway leading to the inlet at the LS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.14	Rating **	M	Issue No.	52	
LM End	0.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.097104 °	38.097104 °	
				-121.168757 °	-121.168757 °	
DWR ID	23925					
Comment Code						
Inspector Comment						
DS_ID:23925 FS_ID:59601 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 05-07-2020. (A. McDonald - DWR UCIP)Gate valve rusted in place. No lid or cover on Standpipe on WS slope. FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Slide gate in a 56-inch corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end. Concrete headwall on both ends. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.14). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.14) 36-inch pipe listed]. FS Date: 7/7/2020						

LM Start	0.14	Rating **	M	Issue No.	52 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59601_87072.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59601_87073.jpg



Two risers with gate valves located on the WS levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.14	Rating **	M	Issue No.	52 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.097104 °	38.097104 °
				-121.168757 °	-121.168757 °
DWR ID	23925				

Photo 3 of 3 : UCIP_FA_2022_59601_87074.jpg



Two pipe outlets, flap gates, and headwall located on the WS berm.

LM Start	0.15	Rating **	M	Issue No.	53
LM End	0.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.097126 °	38.097126 °
				-121.168760 °	-121.168760 °
DWR ID	23930				

Comment Code

Inspector Comment

DS_ID:23930
 FS_ID:59602
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 06/12/2014 No lid on riser and slide gate actuator rusted in place. (DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Slide gate in 56-inch corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.14). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.14) 36-inch pipe listed].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2022_59602_87076.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.15	Rating **	M	Issue No.	53 (cont)
LM End	0.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.097126 °	38.097126 °
				-121.168760 °	-121.168760 °
DWR ID	23930				

Photo 2 of 3 : UCIP_FA_2022_59602_87077.jpg



Two risers and gate valves located on the WS levee slope.

LM Start	0.15	Rating **	M	Issue No.	53 (cont)
LM End	0.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59602_87078.jpg



Two pipe outlets, flap gates, and headwall located on the WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.40	Rating **	M	Issue No.	54
LM End	0.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.100813 °	38.100813 °
				-121.168455 °	-121.168455 °
DWR ID	23900				
Comment Code					
Inspector Comment					
DS_ID:23900 FS_ID:59603 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.40). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.40)]. FS Date: 7/7/2020					

Photo 1 of 3 : UCIP_FA_2022_59603_87080.jpg



Overview of levee crown looking d/s.

LM Start	0.40	Rating **	M	Issue No.	54 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_59603_87081.jpg



View of pipe outlet, flap gate, and headwall located on the WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.40	Rating **	M	Issue No.	54 (cont)
LM End	0.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.100813 °	38.100813 °
				-121.168455 °	-121.168455 °
DWR ID	23900				

Photo 3 of 3 : UCIP_FA_2022_59603_87082.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.43	Rating **	M	Issue No.	43
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.101217 °	38.101217 °
				-121.168197 °	-121.168197 °
DWR ID	DWR_NA0017_12_f_2022_43				
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 N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.48	Rating **	M	Issue No.	55	
LM End	0.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.101868 °	38.101868 °	
				-121.167847 °	-121.167847 °	
DWR ID	23901					
Comment Code						
Inspector Comment						
DS_ID:23901 FS_ID:59605 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.48). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.48)]. FS Date: 7/7/2020						

LM Start	0.48	Rating **	M	Issue No.	55 (cont)
LM End	0.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59605_87089.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59605_87090.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.48	Rating **	M	Issue No.	55 (cont)
LM End	0.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.101868 °	38.101868 °
				-121.167847 °	-121.167847 °
DWR ID	23901				

Photo 3 of 3 : UCIP_FA_2022_59605_87091.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.61	Rating **	M	Issue No.	56
LM End	0.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.102847 °	38.102847 °
				-121.165924 °	-121.165924 °
DWR ID	23902				

Comment Code

Inspector Comment

DS_ID:23902
 FS_ID:59606
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.61). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.61)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2022_59606_87092.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.61	Rating **	M	Issue No.	56 (cont)
LM End	0.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.102847 °	38.102847 °
				-121.165924 °	-121.165924 °
DWR ID	23902				

Photo 2 of 3 : UCIP_FA_2022_59606_87093.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	0.61	Rating **	M	Issue No.	56 (cont)
LM End	0.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59606_87094.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.63	Rating **	M	Issue No.	41
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.103161 °	38.105155 °
				-121.165784 °	-121.165752 °
DWR ID	DWR_NA0017_12_f_2022_41				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.77	Rating **	M	Issue No.	57	
LM End	0.77	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.105162 °	38.105162 °	
				-121.165764 °	-121.165764 °	
DWR ID	23903					
Comment Code						
Inspector Comment						
DS_ID:23903						
FS_ID:59607						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-24-2020. (A. McDonald - DWR UCIP)						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.77). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.77)].						
FS Date: 7/7/2020						

LM Start	0.77	Rating **	M	Issue No.	57 (cont)
LM End	0.77	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59607_87095.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59607_87096.jpg



View of pipe outlet, flap gate, headwall, and splash apron located on the WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.77	Rating **	M	Issue No.	57 (cont)
LM End	0.77	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.105162 °	38.105162 °
				-121.165764 °	-121.165764 °
DWR ID	23903				

Photo 3 of 3 : UCIP_FA_2022_59607_87097.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.80	Rating **	M	Issue No.	38
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105610 °	38.107634 °
				-121.165762 °	-121.165759 °
DWR ID	DWR_NA0017_12_f_2022_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.83	Rating **	M	Issue No.	51
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.105998 °	38.105998 °
				-121.165757 °	-121.165757 °
DWR ID	DWR_NA0017_12_s_2020_51				
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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.95	Rating **	M	Issue No.	37
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.107692 °	38.107692 °
				-121.165758 °	-121.165758 °
DWR ID	DWR_NA0017_12_f _ 2022_37				
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

LM Start	1.52	Rating **	M	Issue No.	58	
LM End	1.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.111918 °	38.111918 °	
				-121.158694 °	-121.158694 °	
DWR ID	23904					
Comment Code						
Inspector Comment						
DS_ID:23904 FS_ID:59608 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 2 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.51). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.51)]. FS Date: 7/7/2020						

Photo 1 of 3 : UCIP_FA_2022_59608_87098.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.52	Rating **	M	Issue No.	58 (cont)
LM End	1.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111918 °	38.111918 °
				-121.158694 °	-121.158694 °
DWR ID	23904				

Photo 2 of 3 : UCIP_FA_2022_59608_87099.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	1.52	Rating **	M	Issue No.	58 (cont)
LM End	1.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59608_87100.jpg



View of pipe outlet, flap gate, and headwall located on the WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.90	Rating **	M	Issue No.	59	
LM End	1.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.115827 °	38.115827 °	
				-121.154602 °	-121.154602 °	
DWR ID	23905					
Comment Code						
Inspector Comment						
DS_ID:23905 FS_ID:59609 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Pipe inlet is clear of debris. (A. McDonald - DWR UCIP) 06/12/2014 Pipe is covered with soil at inlet on LS. (DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 3.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.90). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.90)]. FS Date: 7/7/2020						

LM Start	1.90	Rating **	M	Issue No.	59 (cont)
LM End	1.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59609_87101.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59609_87102.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.90	Rating **	M	Issue No.	59 (cont)
LM End	1.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.115827 °	38.115827 °
				-121.154602 °	-121.154602 °
DWR ID	23905				

Photo 3 of 3 : UCIP_FA_2022_59609_87103.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	1.96	Rating **	M	Issue No.	60
LM End	1.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.116650 °	38.116650 °
				-121.154118 °	-121.154118 °
DWR ID	23906				

Comment Code

Inspector Comment

DS_ID:23906
 FS_ID:59610
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Pipe no longer buried and not abandoned. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP)
 06/12/2014 Pipe buried on both ends and appears to be abandoned. IF so, it should be done so properly. (DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.96). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.96)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2022_59610_87104.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.96	Rating **	M	Issue No.	60 (cont)
LM End	1.96	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.116650 °	38.116650 °	
			-121.154118 °	-121.154118 °	
DWR ID	23906				

Photo 2 of 3 : UCIP_FA_2022_59610_87105.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	1.96	Rating **	M	Issue No.	60 (cont)
LM End	1.96	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59610_87106.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	61
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117702 °	38.117702 °
				-121.151033 °	-121.151033 °
DWR ID	23908				
Comment Code					
Inspector Comment					
DS_ID:23908 FS_ID:59613 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-21-2020. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.15). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.15)]. FS Date: 7/7/2020					

LM Start	2.15	Rating **	M	Issue No.	61 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59613_87120.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59613_87121.jpg



View of pipe inlet and headwall located at the LS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	61 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117702 °	38.117702 °
				-121.151033 °	-121.151033 °
DWR ID	23908				

Photo 3 of 3 : UCIP_FA_2022_59613_87122.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.16	Rating **	M	Issue No.	62
LM End	2.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117713 °	38.117713 °
				-121.150764 °	-121.150764 °
DWR ID	23909				

Comment Code

Inspector Comment

DS_ID:23909
 FS_ID:59617
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS).
 [Additional Reference(s): DWR Levee Log, 1978 (HLM 2.16). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.16)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2022_59617_87134.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.16	Rating **	M	Issue No.	62 (cont)
LM End	2.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.117713 °	38.117713 °
				-121.150764 °	-121.150764 °
DWR ID	23909				

Photo 2 of 3 : UCIP_FA_2022_59617_87135.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.16	Rating **	M	Issue No.	62 (cont)
LM End	2.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59617_87136.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.17	Rating **	M	Issue No.	36
LM End	2.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.117718 °	38.117808 °
				-121.150557 °	-121.150070 °
DWR ID	DWR_NA0017_12_f_2022_36				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.36	Rating **	M	Issue No.	63
LM End	2.36	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.118995 °	38.118995 °
				-121.147840 °	-121.147840 °
DWR ID	23911				
Comment Code					
Inspector Comment					
DS_ID:23911 FS_ID:59624 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.36). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.36)]. FS Date: 7/7/2020					

LM Start	2.36	Rating **	M	Issue No.	63 (cont)
LM End	2.36	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59624_87162.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59624_87163.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.36	Rating **	M	Issue No.	63 (cont)	
LM End	2.36	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.118995 °	38.118995 °	
				-121.147840 °	-121.147840 °	
DWR ID	23911					

Photo 3 of 3 : UCIP_FA_2022_59624_87164.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.37	Rating **	M	Issue No.	8
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.119141 °	38.119577 °
				-121.147713 °	-121.147504 °
DWR ID	DWR_NA0017_12_s_2012_8				
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					

Photo 1 of 1 : FA_2022_NA0017_156_8_20221024_00093.jpg



View of untrimmed trees along the landside easement. Fall 2022

LM Start	2.43	Rating **	M	Issue No.	31
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.119945 °	38.121477 °
				-121.147364 °	-121.145774 °
DWR ID	DWR_NA0017_12_f_2022_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.61	Rating **	M	Issue No.	65	
LM End	2.61	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.121463 °	38.121463 °	
				-121.145437 °	-121.145437 °	
DWR ID	23913					
Comment Code						
Inspector Comment						
DS_ID:23913 FS_ID:59626 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. (A. McDonald - DWR UCIP) 11/04/2016 Crossing has been downgraded from Urgent to Non-Urgent the silt buildup in front of the flap gate on the WS has been removed, however the sediment buildup inside the crossing still remains. Recommend clearing the sediment buildup inside the pipe and complete an internal integrity inspection to confirm crossing is in good condition. (O. Magana - DWR UCIP) 06/19/2014 Silt buildup on WS toe blocking flap gate operation. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Flap gate is located on the waterside (WS) end with a cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.61). USACE San Joaquin O&M Manual Unit 612.2, 1967, (HLM 2.61)]. FS Date: 7/7/2020						

LM Start	2.61	Rating **	M	Issue No.	65 (cont)
LM End	2.61	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59626_87169.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59626_87170.jpg



View of pipe outlet and spillway located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.61	Rating **	M	Issue No.	65 (cont)
LM End	2.61	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.121463 °	38.121463 °
				-121.145437 °	-121.145437 °
DWR ID	23913				

Photo 3 of 3 : UCIP_FA_2022_59626_87171.jpg



View of pipe outlet and spillway located at the WS levee toe.

LM Start	2.72	Rating **	M	Issue No.	66
LM End	2.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.122733 °	38.122733 °
				-121.144351 °	-121.144351 °
DWR ID	23915				

Comment Code

Inspector Comment

DS_ID:23915
 FS_ID:59630
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 07/07/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Inlet partially blocked with sediment. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 2 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.72). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.72)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2022_59630_87211.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.72	Rating **	M	Issue No.	66 (cont)
LM End	2.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.122733 °	38.122733 °
				-121.144351 °	-121.144351 °
DWR ID	23915				

Photo 2 of 3 : UCIP_FA_2022_59630_87212.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.72	Rating **	M	Issue No.	66 (cont)
LM End	2.72	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59630_87213.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.92	Rating **	M	Issue No.	32
LM End	2.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.125622 °	38.125622 °
				-121.143888 °	-121.143888 °
DWR ID	DWR_NA0017_12_s_2021_32				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This area is considered high ground. There is bank erosion near waterside hinge point, approximately 20 feet long, 12-18 inched deep and 3 feet wide.					

Photo 1 of 1 : FA_2022_NA0017_156_32_20221024_00092.jpg



View of erosion near the waterside hinge point. 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.94	Rating **	A/W	Issue No.	67	
LM End	2.94	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.125894 °	38.125894 °	
				-121.143970 °	-121.143970 °	
DWR ID	23916					
Comment Code						
Inspector Comment						
DS_ID:23916 FS_ID:59632 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. (Positive closure device installed on intake end under Permit No. 17426, 2003 - Western Dairy Design Associates, Inc.). [Additional Reference(s): DWR Levee Log, 1978, (HLM 2.95). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.95)]. FS Date: 7/3/2020						

LM Start	2.94	Rating **	A/W	Issue No.	67 (cont)
LM End	2.94	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59632_87220.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2022_59632_87222.jpg



Overview of the LS and pipe inlet location.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	2.94	Rating **	A/W	Issue No.	67 (cont)	
LM End	2.94	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.125894 °		38.125894 °
				-121.143970 °		-121.143970 °
DWR ID	23916					

Photo 3 of 3 : UCIP_FA_2022_59632_87221.jpg



View of pipe outlet, flap gate, and splash apron located at the WS levee toe.

LM Start	3.09	Rating **	U	Issue No.	68
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.126939 °	38.126939 °
				-121.141925 °	-121.141925 °
DWR ID	23928				

Comment Code

Inspector Comment

DS_ID:23928
FS_ID:59674
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 07/03/2020 Crossing evaluated as "Urgent" because of a badly deteriorated drainage pipe that is also open on both ends. There was no permit found authorizing this pipe, either. (A. McDonald - DWR UCIP)11/12/2018 NA0017 found corrosion and holes along the bottom of this CMP drainage culvert. Culvert is also open on both ends. Crossing escalated to "Urgent" due to the extensive corrosion that was found. Internal inspection and/or rehabilitation recommended. (A. McDonald - DWR UCIP)Pipe open on both ends.
FIELD_STRUCT_DESC: 1 of 2: 24-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. No closure device or flap gate. [Additional Reference(s): USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.15)].
FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59674_87233.jpg



View of two drainage pipe inlets located at the LS levee 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.09	Rating **	U	Issue No.	68 (cont)
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.126939 °	38.126939 °
				-121.141925 °	-121.141925 °
DWR ID	23928				

Photo 2 of 3 : UCIP_FA_2022_59674_87225.jpg



View of corrosion inside drainage pipe.

LM Start	3.09	Rating **	U	Issue No.	68 (cont)
LM End	3.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59674_87229.jpg



View of corrosion inside drainage 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.09	Rating **	U	Issue No.	69
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.126943 °	38.126943 °
				-121.141916 °	-121.141916 °
DWR ID	23926				
Comment Code					
Inspector Comment					
DS_ID:23926 FS_ID:59675 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 07/03/2020 Crossing evaluated as "Urgent" because of a badly deteriorated drainage pipe that is also open on both ends. There was no permit found authorizing this pipe, either. (A. McDonald - DWR UCIP)11/12/2018 NA0017 found corrosion and holes along the bottom of this CMP drainage culvert. Culvert is also open on both ends. Crossing escalated to "Urgent" due to the extensive corrosion that was found. Internal inspection and/or rehabilitation recommended. (A. McDonald - DWR UCIP)Pipe open with no flap gate. FIELD_STRUCT_DESC: 2 of 2: 24-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. No closure device or flap gate. [Additional Reference(s): USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.15)]. FS Date: 7/3/2020					

LM Start	3.09	Rating **	U	Issue No.	69 (cont)
LM End	3.09	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_59675_87244.jpg



View of two drainage pipe inlets located at the LS levee toe.

Photo 2 of 3 : UCIP_FA_2022_59675_87236.jpg



View of corrosion inside drainage 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.09	Rating **	U	Issue No.	69 (cont)
LM End	3.09	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.126943 °	38.126943 °	
			-121.141916 °	-121.141916 °	
DWR ID	23926				

Photo 3 of 3 : UCIP_FA_2022_59675_87240.jpg



View of corrosion inside drainage pipe.

LM Start	3.23	Rating **	U	Issue No.	70
LM End	3.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.128162 °	38.128162 °	
			-121.139922 °	-121.139922 °	
DWR ID	23917				

Comment Code

Inspector Comment

DS_ID:23917
 FS_ID:59676
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 3a, Flood Risk
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Urgent" because it is a straight-through drainage pipe with no flap gate on the WS end. There was also no permit found authorizing this pipe. (A. McDonald - DWR UCIP)
 06/19/2014 No flap gate. (DWR UCIP)
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.25). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.25)].
 FS Date: 7/3/2020

Photo 1 of 2 : UCIP_FA_2022_59676_87248.jpg



View of pipe outlet and splash apron located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.23	Rating **	U	Issue No.	70 (cont)
LM End	3.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.128162 °	38.128162 °
				-121.139922 °	-121.139922 °
DWR ID	23917				

Photo 2 of 2 : UCIP_FA_2022_59676_87249.jpg



View of pipe inlet located 50 to 100 feet off the LS levee toe.

LM Start	3.51	Rating **	U	Issue No.	72
LM End	3.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131725 °	38.131725 °
				-121.138422 °	-121.138422 °
DWR ID	23920				

Comment Code

Inspector Comment

DS_ID:23920
 FS_ID:59638
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 07/03/2020 Crossing evaluated as "Non-Urgent" because there was no permit found authorizing this pipe. Video inspection performed on 04-22-2020. (A. McDonald - DWR UCIP)
 FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Cobble grouted spillway.
 [Additional Reference(s): DWR Levee Log, 1978, (HLM 3.52). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.52)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2022_59638_87257.jpg



Overview of levee crown looking d/s.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.51	10/10/2022 10/10/2022	Alberto De Leon

LM Start	3.51	Rating **	U	Issue No.	72 (cont)
LM End	3.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131725 °	38.131725 °
				-121.138422 °	-121.138422 °
DWR ID	23920				

Photo 2 of 3 : UCIP_FA_2022_59638_87258.jpg



View of WS channel and splash apron.

LM Start	3.51	Rating **	U	Issue No.	72 (cont)
LM End	3.51	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_59638_87259.jpg



View of pipe outlet and splash apron located at the WS levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	13
LM End	0.03	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.109370 °	38.109370 °
				-121.159906 °	-121.159906 °
DWR ID	23931				
Comment Code					
Inspector Comment					
DS_ID:23931 FS_ID:58900 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record upgraded from No Action Needed to Non Urgent because no permit has been identified authorizing pipe. This is s system feature without any modification to system. Same observation as last inspection. Pipe is in good condition. Video Inspection was performed in 4/24/2020 and the result will be appended to this report when it becomes available. (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.03). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.03 - listed as 24-inch pipe)]. FS Date: 7/7/2020					

Photo 1 of 1 : UCIP_FA_2022_58900_86686.jpg



Water-Side: View of pipe, headwall, and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.55	Rating **	M	Issue No.	14
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110925 °	38.110925 °
				-121.150976 °	-121.150976 °
DWR ID	23933				
Comment Code					
Inspector Comment					
DS_ID:23933 FS_ID:58902 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. Pipe was in good condition, same as last inspection. Internal video Inspection was performed on 2/21/2020 (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.58)]. FS Date: 7/7/2020 1:09:28 PM					

Photo 1 of 1 : UCIP_FA_2022_58902_86735.jpg



Water-Side: View of pipe, headwall and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.57	Rating **	M	Issue No.	17	
LM End	0.57	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.111127 °	38.111127 °	
				-121.150747 °	-121.150747 °	
DWR ID	23934					
Comment Code						
Inspector Comment						
DS_ID:23934 FS_ID:58905 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record updated from No Action Needed to Non Urgent. No permit has been identified authorizing pipe. This is a system feature with no modification to the system. Pipe is in good condition. Same observation as last inspection. Internal video inspection was performed in 4/24/2020. (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.60)]. FS Date: 7/7/2020 1:13:53 PM						

Photo 1 of 1 : UCIP_FA_2022_58905_86744.jpg



Water-Side: view of pipe, headwall, and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	18
LM End	0.86	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110146 °	38.110146 °
				-121.146704 °	-121.146704 °
DWR ID	23935				
Comment Code					
Inspector Comment					
DS_ID:23935 FS_ID:58906 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record updated from No Action Needed to Non Urgent. No permit has been identified authorizing pipe. This is a system feature without any modification to the system. Pipe is in good condition. Same observation as last inspection. Internal video inspection was performed in 4/24/2020. (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.91)]. FS Date: 7/7/2020 1:14:37 PM					

Photo 1 of 1 : UCIP_FA_2022_58906_86747.jpg



Water-Side: view of pipe, headwall, and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.04	Rating **	M	Issue No.	19	
LM End	1.04	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.111146 °	38.111146 °	
				-121.143696 °	-121.143696 °	
DWR ID	23936					
Comment Code						
Inspector Comment						
DS_ID:23936 FS_ID:58907 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record updated from No Action Needed to Non Urgent. No permit has been identified authorizing pipe. This is a system feature without any modification to the pipe. Pipe is in good condition. Same observation as last inspection. (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.11)]. FS Date: 7/7/2020 1:15:26 PM						

Photo 1 of 1 : UCIP_FA_2022_58907_86752.jpg



Water-Side: view of pipe with headwall and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.12	Rating **	M	Issue No.	20
LM End	1.12	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111781 °	38.111781 °
				-121.142618 °	-121.142618 °
DWR ID	23937				
Comment Code					
Inspector Comment					
DS_ID:23937 FS_ID:58908 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 07/07/2020 Record updated from No Action Needed to Non URgent. No permit has been identified authorizing pipe. This is a system feature without any modification to the system. Pipe is in good condition. Same observation as last inspection. (S.Donovan - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.18)]. FS Date: 7/7/2020 1:16:27 PM					

Photo 1 of 1 : UCIP_FA_2022_58908_86755.jpg



Water-Side: view of pipe with headwall and flapgate.

LM Start	1.30	Rating **	M	Issue No.	11
LM End	1.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.110669 °	38.110669 °
				-121.140139 °	-121.140139 °
DWR ID	DWR_NA0017_13_s_2022_11				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.31	Rating **	C	Issue No.	10
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.110667 °	38.110667 °	
			-121.140114 °	-121.140114 °	
DWR ID	DWR_NA0017_13_f_2021_10				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	23	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.109687 °	38.109687 °	
				-121.159895 °	-121.159895 °	
DWR ID	23939					
Comment Code						
Inspector Comment						
DS_ID:23939 FS_ID:77602 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 3.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.02). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.02)]. FS Date: 4/29/2021						

LM Start	0.02	Rating **	M	Issue No.	23 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77602_98394.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77602_98395.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.02	Rating **	M	Issue No.	23 (cont)	
LM End	0.02	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.109687 °		38.109687 °
				-121.159895 °		-121.159895 °
DWR ID	23939					

Photo 3 of 3 : UCIP_FA_2022_77602_98396.jpg



LS view: Slope and pipe inlet at toe.

LM Start	0.25	Rating **	M	Issue No.	24
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.109799 °	38.109799 °
				-121.155621 °	-121.155621 °
DWR ID	23940				

Comment Code

Inspector Comment

DS_ID:23940
 FS_ID:77603
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 ? Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn ? GEI) 06/12/2014 Debris partially blocking closure of flapgate. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 3.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end.
 [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.25). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.25)].
 FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77603_98400.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.25	Rating **	M	Issue No.	24 (cont)
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.109799 °	38.109799 °
				-121.155621 °	-121.155621 °
DWR ID	23940				

Photo 2 of 3 : UCIP_FA_2022_77603_98401.jpg



LS view: Toe from crown.

LM Start	0.25	Rating **	M	Issue No.	24 (cont)
LM End	0.25	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77603_98402.jpg



LS view: Slope and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.37	Rating **	M	Issue No.	25	
LM End	0.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.109855 °	38.109855 °	
				-121.153390 °	-121.153390 °	
DWR ID	23941					
Comment Code						
Inspector Comment						
DS_ID:23941 FS_ID:77604 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends without a flapgate and LS pipe edges are warped, recommend maintenance. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe buried on WS slope. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 1.0 foot below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.38). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.38)]. FS Date: 4/29/2021						

LM Start	0.37	Rating **	M	Issue No.	25 (cont)
LM End	0.37	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77604_98406.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_77604_98407.jpg



WS view: Toe from crown with markers on either 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.37	Rating **	M	Issue No.	25 (cont)	
LM End	0.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.109855 °	38.109855 °	
				-121.153390 °	-121.153390 °	
DWR ID	23941					

Photo 3 of 3 : UCIP_FA_2022_77604_98408.jpg



WS view: Slope and pipe outlet at toe, no flapgate.

LM Start	0.46	Rating **	M	Issue No.	26
LM End	0.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110456 °	38.110456 °
				-121.152083 °	-121.152083 °
DWR ID	23942				

Comment Code

Inspector Comment

DS_ID:23942
 FS_ID:77605
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 04/29/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)
 FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 2.0 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.46). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.46)].
 FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_77605_98412.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.46	Rating **	M	Issue No.	26 (cont)
LM End	0.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110456 °	38.110456 °
				-121.152083 °	-121.152083 °
DWR ID	23942				

Photo 2 of 3 : UCIP_FA_2022_77605_98413.jpg



LS view: Toe from crown, marker visible.

LM Start	0.46	Rating **	M	Issue No.	26 (cont)
LM End	0.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77605_98414.jpg



LS view: Slope and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.55	Rating **	M	Issue No.	27
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111372 °	38.111372 °
				-121.150985 °	-121.150985 °
DWR ID	23943				
Comment Code					
Inspector Comment					
DS_ID:23943 FS_ID:77606 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends and there is some erosion around pipe on both WS and LS ends, recommend maintenance for erosion. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 09/18/2018 Pipe is close to the crown. It may not create a serious situation. Maintenance required by owner at pipe inlet. Crossing downgraded to "Non-Urgent." (A. McDonald - DWR UCIP)11/04/2016 Same as previous inspection. Crossing remains Urgent crossing, open on both ends. (O. Magana - DWR UCIP)06/12/2014 Pipe inlet and outlet partially blocked by sediment. No flapgate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal storm drainage pipe (CMP) through the levee, 2.5 feet below the crown. Pipe open on both ends. Inlet at end of drainage ditch along the road. Cobble grouted spillway on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977, 1978, 1987, 1990, (HLM 0.55). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.55), Unit 7 (HLM 7.19–16.77), Unit 8 (HLM 7.55–16.48), Unit 9 (HLM 0.10–1.52), Unit 10 (HLM 0.03–1.35), Unit 11 (HLM 0.16–3.55), Unit 12 (HLM 0.14–3.91), Unit 13 (HLM 0.03–1.18), Unit 14 (HLM 0.02–1.17)]. FS Date: 4/29/2021					

Photo 1 of 3 : UCIP_FA_2022_77606_98421.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.55	Rating **	M	Issue No.	27 (cont)
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111372 °	38.111372 °
				-121.150985 °	-121.150985 °
DWR ID	23943				

Photo 2 of 3 : UCIP_FA_2022_77606_98419.jpg



LS view: Slope and pipe inlet at toe.

LM Start	0.55	Rating **	M	Issue No.	27 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77606_98420.jpg



LS view: Close up of pipe inlet at toe, some erosion around 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.56	Rating **	M	Issue No.	28	
LM End	0.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.111507 °	38.111507 °	
				-121.150745 °	-121.150745 °	
DWR ID	23944					
Comment Code						
Inspector Comment						
DS_ID:23944 FS_ID:77609 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends, no flapgate. Erosion and gapping to the side and above LS pipe inlet, recommend maintenance. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: *HIGH GROUND* 18-inch corrugated metal storm drainage pipe (CMP) through the levee, 2.5 feet below the crown. Pipe open on both ends. Cobble grouted spillway on the waterside (WS) end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.57). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.57)]. FS Date: 4/29/2021						

Photo 1 of 3 : UCIP_FA_2022_77609_98437.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.56	Rating **	M	Issue No.	28 (cont)
LM End	0.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111507 °	38.111507 °
				-121.150745 °	-121.150745 °
DWR ID	23944				

Photo 2 of 3 : UCIP_FA_2022_77609_98439.jpg



LS view: Toe from crown.

LM Start	0.56	Rating **	M	Issue No.	28 (cont)
LM End	0.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77609_98440.jpg



LS view: Erosion and gapping above pipe inlet on slope.

LM Start	0.60	Rating **	M	Issue No.	22
LM End	0.60	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.111733 °	38.111733 °
				-121.150229 °	-121.150229 °
DWR ID	DWR_NA0017_14_f_2020_22				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_158_22_20220919_00002.jpg



View of tire ruts on the surface road. 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.75	Rating **	M	Issue No.	29
LM End	0.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111475 °	38.111475 °
				-121.148081 °	-121.148081 °
DWR ID	23945				
Comment Code					
Inspector Comment					
DS_ID:23945 FS_ID:77610 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends and LS pipe end is covered in vegetation and behind barbed wire, 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 LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe open on both ends. Levee appears abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe (CMP) through the levee, 1.0 foot below the crown. Pipe open on both ends. Cobble grouted spillway on the waterside (WS) end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.76). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.76)]. FS Date: 4/29/2021					

Photo 1 of 3 : UCIP_FA_2022_77610_98442.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.75	Rating **	M	Issue No.	29 (cont)
LM End	0.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.111475 °	38.111475 °
				-121.148081 °	-121.148081 °
DWR ID	23945				

Photo 2 of 3 : UCIP_FA_2022_77610_98443.jpg



LS view: Toe from crown.

LM Start	0.75	Rating **	M	Issue No.	29 (cont)
LM End	0.75	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77610_98444.jpg



LS view: Pipe inlet covered by vegetation and barbed wire 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.94	Rating **	M	Issue No.	30	
LM End	0.94	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.110801 °	38.110801 °	
				-121.145174 °	-121.145174 °	
DWR ID	23946					
Comment Code						
Inspector Comment						
DS_ID:23946 FS_ID:77611 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends, no flapgates and LS pipe end filled with dirt, recommend maintenance for sediment removal. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe burried on LS. Levee appears abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 2.0 feet below the crown. Pipe open on both ends. Cobble grouted spillway on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.95). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.95)]. FS Date: 4/29/2021						

Photo 1 of 3 : UCIP_FA_2022_77611_98447.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.94	Rating **	M	Issue No.	30 (cont)
LM End	0.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110801 °	38.110801 °
				-121.145174 °	-121.145174 °
DWR ID	23946				

Photo 2 of 3 : UCIP_FA_2022_77611_98448.jpg



LS view: Toe from crown, marker visible.

LM Start	0.94	Rating **	M	Issue No.	30 (cont)
LM End	0.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77611_98449.jpg



LS view: Inlet barely visible at toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.96	Rating **	M	Issue No.	31	
LM End	0.96	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.110926 °	38.110926 °	
				-121.144799 °	-121.144799 °	
DWR ID	23947					
Comment Code						
Inspector Comment						
DS_ID:23947 FS_ID:77612 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends, no flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe buried on LS shoulder and open on WS. Levee appears abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 18-inch corrugated metal storm drainage pipe (CMP) through the levee, 3.0 feet below the crown. Pipe open on both ends. Cobble grouted spillway on the waterside (WS) end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 0.97). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.97)]. FS Date: 4/29/2021						

LM Start	0.96	Rating **	M	Issue No.	31 (cont)
LM End	0.96	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77612_98454.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_77612_98455.jpg



WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	0.96	Rating **	M	Issue No.	31 (cont)
LM End	0.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.110926 °	38.110926 °
				-121.144799 °	-121.144799 °
DWR ID	23947				

Photo 3 of 3 : UCIP_FA_2022_77612_98456.jpg



WS view: Slope and 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.11	Rating **	M	Issue No.	33	
LM End	1.11	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.112125 °	38.112125 °	
				-121.142568 °	-121.142568 °	
DWR ID	23949					
Comment Code						
Inspector Comment						
DS_ID:23949 FS_ID:77614 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. LS and WS pipe inlet and flapgate 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 LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe appears abandoned. Levee appears Abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch corrugated metal storm drainage pipe (CMP) through the levee, 2.5 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway on the WS end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.12). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.12)]. FS Date: 4/29/2021						

LM Start	1.11	Rating **	M	Issue No.	33 (cont)
LM End	1.11	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_77614_98468.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_77614_98469.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.11	Rating **	M	Issue No.	33 (cont)
LM End	1.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.112125 °	38.112125 °
				-121.142568 °	-121.142568 °
DWR ID	23949				

Photo 3 of 3 : UCIP_FA_2022_77614_98470.jpg



LS view: Pipe 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	34
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.112296 °	38.112296 °
				-121.141654 °	-121.141654 °
DWR ID	23950				
Comment Code					
Inspector Comment					
DS_ID:23950 FS_ID:77615 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 04/29/2021 Pipe status is still Non-Urgent. Unit 14 – Middle Paddle Creek (CLM 0 to 1.38) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 1.38 of Unit 14 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. Pipe is open on both ends, no flapgate. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 06/12/2014 Pipe open on both ends. Levee appears abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 48-inch reinforced concrete storm drainage pipe (RCP) through the levee, 5.5 feet below the crown. Pipe open on both ends. Cobble grouted spillway on the waterside (WS) end. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978, (HLM 1.17). USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.17)]. FS Date: 4/29/2021					

Photo 1 of 3 : UCIP_FA_2022_77615_98476.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.38	10/10/2022 10/10/2022	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	34 (cont)
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.112296 °	38.112296 °
				-121.141654 °	-121.141654 °
DWR ID	23950				

Photo 2 of 3 : UCIP_FA_2022_77615_98477.jpg



WS view: Pipe visible at toe from crown.

LM Start	1.16	Rating **	M	Issue No.	34 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_77615_98478.jpg



WS view: Slope and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	0.75	Rating **	C	Issue No.	4	
LM End	0.91	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			38.045658 °	38.045658 °	
				-121.023741 °	-121.023741 °	
DWR ID	NA0017U15RM22.91					
Comment Code						
Inspector Comment						
Site ID: NA0017U15RM22.91						
07/28/2022: The site is being repaired and therefore not rated.						
06/23/2021: The erosion length was updated to 820 ft based on more accurate field measurements. Otherwise, no significant changes were observed since the previous inspection.						
07/23/2020: New erosion visible in some locations. The area is densely vegetated.						
08/28/2019: From 2011 to 2019, no significant changes were observed during the annual survey.						
11/02/2010: The mile-long erosion continues to degrade the bank.						
There are a few trees along the mile-long stretch on the lower bank slope that are affected by the scarp. WS Levee Slope was changed to 2:1. As a result, normalized score increased from 62 to 65.						
08/05/2010: Recommended for waterside repair, per CLRO; "water velocity is a major factor for accelerating bank slope erosion."						
8/12/2009: Near-vertical bank erosion; degrading channel is incising the banks; recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; district is monitoring site for change in condition; site was previously rated "U".						
2007: Visited site 02/06/2007; possible critical site.						

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	1072	
LM End	1.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.041907 °	38.041907 °	
				-121.027235 °	-121.027235 °	
DWR ID	23199					
Comment Code						
Inspector Comment						
DS_ID:23199 FS_ID:66898 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/26/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/09/2014 Deformed inlet opening. Needs cleaning and clearing on inlet opening on landside. (P. Tariq - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Grouted spillway on the waterside (WS) end. Open on both ends. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 1.18)]. FS Date: 3/26/2021						

Photo 1 of 3 : UCIP_FA_2022_66898_93981.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	1072 (cont)
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.041907 °	38.041907 °
				-121.027235 °	-121.027235 °
DWR ID	23199				

Photo 2 of 3 : UCIP_FA_2022_66898_93985.jpg



LS view: Inside pipe inlet.

LM Start	1.16	Rating **	M	Issue No.	1072 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66898_93984.jpg



LS view: Pipe end 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	1.46	Rating **	M	Issue No.	1073	
LM End	1.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.040197 °	38.040197 °	
				-121.032044 °	-121.032044 °	
DWR ID	23200					
Comment Code						
Inspector Comment						
DS_ID:23200 FS_ID:66899 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/26/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR 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. Recommend cleaning dirt/vegetation debris off/out of LS pipe end. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/09/2021 Pipe needs cleaning and clearing on both pipe ends. (P. Tariq - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch drainage pipe of an unknown material through the levee, 6 feet below the crown. Grouted spillway on the waterside (WS) end. Electrical conduit through the levee. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 1.49)]. FS Date: 3/26/2021						

Photo 1 of 3 : UCIP_FA_2022_66899_93996.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	1.46	Rating **	M	Issue No.	1073 (cont)	
LM End	1.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.040197 °	38.040197 °	
				-121.032044 °	-121.032044 °	
DWR ID	23200					

Photo 2 of 3 : UCIP_FA_2022_66899_94001.jpg



LS view: Pipe end covered in vegetation and dirt.

LM Start	1.46	Rating **	M	Issue No.	1073 (cont)
LM End	1.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66899_94000.jpg



LS view: Toe from crown.

LM Start	2.77	Rating **	M	Issue No.	260
LM End	3.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.028865 °	38.021612 °
				-121.050404 °	-121.061281 °
DWR ID	DWR_NA0017_15_f_2022_260				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	4.51	Rating **	M	Issue No.	14
LM End	4.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.009753 °	38.009753 °
				-121.069559 °	-121.069559 °
DWR ID	NA0017U15RM18.45				
Comment Code					
Inspector Comment					
Site ID: NA0017U15RM18.45					
07/28/2022: From 2021 to present, no significant changes were observed during the annual survey.					
07/23/2020: This site was discovered during the DWR Fall 2015 Levee Inspections. Although dense vegetation is limiting the view, the erosion, which extends to the upper levee slope, could still be seen.					

Photo 1 of 1 : SJR2022_NA0017U15RM18.45_2.JPG



7/28/2022: View of the erosion looking downstream. Dense vegetation is limiting visibility.

LM Start	5.24	Rating **	M	Issue No.	259
LM End	5.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.000583 °	38.000583 °
				-121.075909 °	-121.075909 °
DWR ID	DWR_NA0017_15_f_2022_259				
Comment Code					
V3 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	5.46	Rating **	M	Issue No.	1078
LM End	5.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.997990 °	37.997990 °
				-121.078092 °	-121.078092 °
DWR ID	23308				
Comment Code					
Inspector Comment					
DS_ID:23308 FS_ID:66920 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/26/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI)					
04/09/2014 Inlet CM pipe riser on landside shoulder. Pipe not found on waterside. Dense vegetation on channel bank. May need inlet cleaning. (P. Tariq - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe, 2 feet below the roadway. Concrete rubble splash apron on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 5.58)]. FS Date: 3/26/2021					

Photo 1 of 3 : UCIP_FA_2022_66920_94206.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	5.46	Rating **	M	Issue No.	1078 (cont)
LM End	5.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.997990 °	37.997990 °
				-121.078092 °	-121.078092 °
DWR ID	23308				

Photo 2 of 3 : UCIP_FA_2022_66920_94207.jpg



LS view: Toe from crown.

LM Start	5.46	Rating **	M	Issue No.	1078 (cont)
LM End	5.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66920_94211.jpg



WS view: Slope from crown, no pipe visible due to 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	5.52	Rating **	A/W	Issue No.	11
LM End	5.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.997257 °	37.997257 °	
			-121.078775 °	-121.078775 °	
DWR ID	NA0017U15RM17.67				

Comment Code

Inspector Comment

Site ID: NA0017U15RM17.67

*This area is patrol road only and therefore the site is not rated
07/28/2022: No significant changes were observed since the previous inspection.

06/29/2021: There is more vegetation on the slope. Otherwise, no significant changes were observed since the previous inspection.
07/24/2020: Some burrowing activity observed. Site is likely to extend toward downstream during the next rain event.

08/28/2019: The erosion is located at the upper slope of the channel bank and was likely caused by rainfall runoff.

LM Start	5.52	Rating **	A/W	Issue No.	11 (cont)
LM End	5.53	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U15RM17.67_2.JPG



7/28/2022: View of the erosion looking downstream.

Photo 2 of 2 : SJR2022_NA0017U15RM17.67_3.JPG



7/28/2022: Another view of the 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	6.88	Rating **	M	Issue No.	258
LM End	6.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981981 °	37.981981 °
				-121.094194 °	-121.094194 °
DWR ID	DWR_NA0017_15_s _ 2022_258				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.90	Rating **	M	Issue No.	170
LM End	6.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981845 °	37.981723 °
				-121.094435 °	-121.094678 °
DWR ID	DWR_NA0017_15_s _ 2022_170				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	7.67	Rating **	A/W	Issue No.	17
LM End	7.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.976275 °	37.976275 °
				-121.106364 °	-121.106364 °
DWR ID	NA0017U15RM15.25				
Comment Code					
Inspector Comment					
Site ID: NA0017U15RM15.25					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: No changes were observed since the previous inspection.					
The erosion is visible in two locations.					
07/24/2020: This site was discovered during the DWR Fall 2017 Levee					
Inspections. The erosion is caused by surface runoff and likely to cut					
into the patrol road during the next storm events.					

Photo 1 of 1 : SJR2022_NA0017U15RM15.25_2.JPG



7/28/2022: View of the erosion on the upper slope looking upstream.

LM Start	8.11	Rating **	M	Issue No.	250
LM End	8.17	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.972583 °	37.971867 °
				-121.112968 °	-121.113698 °
DWR ID	DWR_NA0017_15_f_2022_250				
Comment Code					
V3 : Keep the crown roadway free of vegetation.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_159_250_20221025_00510.jpg



View of wild vegetation growing over the surface road. 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.43	Rating **	A/W	Issue No.	6	
LM End	8.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.969711 °	37.969711 °	
				-121.116739 °	-121.116739 °	
DWR ID	NA0017U15RM14.49					
Comment Code						
Inspector Comment						
Site ID: NA0017U15RM14.49						
*This area is patrol road only and therefore the site is not rated						
07/28/2022: From 2014 to present, no significant changes were						
observed during the annual survey. There are signs of animal activity.						
09/12/2013: The erosion has been caused by runoff.						

Photo 1 of 1 : SJR2022_NA0017U15RM14.49_2.JPG



7/28/2022: View of the eroded levee slope.

LM Start	8.46	Rating **	M	Issue No.	1082	
LM End	8.46	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.969690 °	37.969690 °	
				-121.117404 °	-121.117404 °	
DWR ID	23227					
Comment Code						
Inspector Comment						
DS_ID:23227						
FS_ID:65489						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue: 11, Maintenance Compliance Issue						
Crossing Status: Found						
UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. LS pipe end covered in dirt and veegestation, recommend cleaning out. Cannot see WS pipe end. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI)						
04/10/2014 Distorted inlet pipe opening on landside. No pipe found on waterside. Dense vegetation and steep slope on waterside. (P. Tariq - DWR UCIP)						
FIELD_STRUCT_DESC: 18-inch CM pipe through the levee, 1.0 feet below the crown. O&M Manual SJR Assumed 999.						
FS Date: 3/25/2021						

Photo 1 of 3 : UCIP_FA_2022_65489_94355.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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.46	Rating **	M	Issue No.	1082 (cont)
LM End	8.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.969690 °	37.969690 °
				-121.117404 °	-121.117404 °
DWR ID	23227				

Photo 2 of 3 : UCIP_FA_2022_65489_94356.jpg



LS view: Toe from crown, pipe not visible.

LM Start	8.46	Rating **	M	Issue No.	1082 (cont)
LM End	8.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65489_94358.jpg



WS view: Toe from crown, no pipe visible.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.69	Rating **	M	Issue No.	1083	
LM End	8.69	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.968500 °	37.968500 °	
				-121.121130 °	-121.121130 °	
DWR ID	23229					
Comment Code						
Inspector Comment						
DS_ID:23229 FS_ID:66938 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. LS pipe end bent and warped and covered with debris, recommend clearing away. Cannot see WS pipe end. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/10/2014 Distorted pipe opening on landside. Inlet pipe needs clearing and cleaning. (P. Tariq - DWR UCIP)/No pipe visible on waterside. FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe and electrical conduit of an unknown material through the levee, 1 foot below the crown. Power pole on the landside (LS). Electrical conduit through the levee. Outlet of pipe rock revetted. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 8.88)]. FS Date: 3/25/2021						

Photo 1 of 3 : UCIP_FA_2022_66938_94363.jpg



Levee crown looking upstream.

LM Start	8.69	Rating **	M	Issue No.	1083 (cont)
LM End	8.69	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_66938_94364.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.69	Rating **	M	Issue No.	1083 (cont)
LM End	8.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.968500 °	37.968500 °
				-121.121130 °	-121.121130 °
DWR ID	23229				

Photo 3 of 3 : UCIP_FA_2022_66938_94367.jpg



WS view: Toe from crown, no pipe visible.

LM Start	8.81	Rating **	A/W	Issue No.	7
LM End	8.83	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.968060 °	37.968060 °
				-121.123299 °	-121.123299 °
DWR ID	NA0017U15RM13.87				
Comment Code					
Inspector Comment					
Site ID: NA0017U15RM13.87					
*This area is patrol road only and therefore the site is not rated					
08/02/2022: From 2015 to present, no significant changes were					
observed during the annual survey.					
08/20/2014: Both ends of the erosion site are protected by riprap.					

Photo 1 of 2 : SJR2022_NA0017U15RM13.87_3.JPG



8/2/2022: View of the erosion looking downstream.

LM Start	8.81	Rating **	A/W	Issue No.	7 (cont)
LM End	8.83	Issue Type +	Ma	Location *	

Photo 2 of 2 : SJR2022_NA0017U15RM13.87_02.JPG



7/24/2020: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.92	Rating **	M	Issue No.	1084
LM End	8.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.967179 °	37.967179 °
				-121.124897 °	-121.124897 °
DWR ID	23230				
Comment Code					
Inspector Comment					
DS_ID:23230 FS_ID:65486 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/25/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Pipe not found by visual inspection. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Grouted inlet and outlet. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 9.12)]. FS Date: 3/25/2021					

LM Start	8.92	Rating **	M	Issue No.	1084 (cont)
LM End	8.92	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_65486_94378.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_65486_94379.jpg



LS view: Toe from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	8.92	Rating **	M	Issue No.	1084 (cont)
LM End	8.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.967179 °	37.967179 °
				-121.124897 °	-121.124897 °
DWR ID	23230				

Photo 3 of 3 : UCIP_FA_2022_65486_94380.jpg



WS view: Toe from 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	9.55	Rating **	M	Issue No.	1085	
LM End	9.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.966327 °	37.966327 °	
				-121.135980 °	-121.135980 °	
DWR ID	23233					
Comment Code						
Inspector Comment						
DS_ID:23233 FS_ID:66952 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 - Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 - 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal video 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. LS pipe buried under dirt and vegetation with some dirt seen inside WS pipe, recommend cleaning out both sides. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn - GEI) 04/10/2014 Needs clearing and cleaning of the pipe. (P. Tariq - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 3.5 feet below the crown. Pipe discharges onto waterside (WS) slope. Slope eroding. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 9.75)]. FS Date: 3/25/2021						

Photo 1 of 3 : UCIP_FA_2022_66952_94407.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	9.55	Rating **	M	Issue No.	1085 (cont)
LM End	9.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.966327 °	37.966327 °
				-121.135980 °	-121.135980 °
DWR ID	23233				

Photo 2 of 3 : UCIP_FA_2022_66952_94408.jpg



LS view: Toe from crown.

LM Start	9.55	Rating **	M	Issue No.	1085 (cont)
LM End	9.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66952_94410.jpg



WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	9.62	Rating **	A/W	Issue No.	22
LM End	9.69	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.965476 °	37.965476 °	
			-121.137512 °	-121.137512 °	
DWR ID	NA0017U15RM13.22				

Comment Code

Inspector Comment

Site ID: NA0017U15RM13.22

*This area is patrol road only and therefore the site is not rated
08/02/2022: No significant changes were observed since the previous inspection. The length was extended to 350 ft based on more accurate field measurements.

06/29/2021: The erosion extends downstream to the ford. The erosion length was updated to 280 ft.

07/24/2020: The site was discovered during the field survey. The erosion is immediately downstream of a newly repaired erosion site (NA0017U15RM13.25). The erosion begins at the shoulder and extends down the entire slope. Some sloughing is visible on the upper slope and the stream has cut into the bank.

LM Start	9.62	Rating **	A/W	Issue No.	22 (cont)
LM End	9.69	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U15RM13.22_2.JPG



8/2/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U15RM13.25_4.JPG



8/2/2022: Close-up view of the erosion further 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	9.80	Rating **	M	Issue No.	1086
LM End	9.80	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965294 °	37.965294 °
				-121.140184 °	-121.140184 °
DWR ID	23235				
Comment Code					
Inspector Comment					
DS_ID:23235 FS_ID:66955 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 - Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 - 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. LS pipe has some debris piled up, recommend cleaning out. DWR DMP internal video 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn - GEI) 04/10/2014 Mud/soil in inlet pipe. Needs cleaning. (P. Tariq - DWR UCIP)No pipe or appurtenances visible on waterside. Dense vegetation (may be visible from other channel bank). FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Grouted inlet and outlet. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.01)]. FS Date: 3/25/2021					

Photo 1 of 3 : UCIP_FA_2022_66955_94427.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	9.80	Rating **	M	Issue No.	1086 (cont)
LM End	9.80	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965294 °	37.965294 °
				-121.140184 °	-121.140184 °
DWR ID	23235				

Photo 2 of 3 : UCIP_FA_2022_66955_94428.jpg



LS view: Toe from crown.

LM Start	9.80	Rating **	M	Issue No.	1086 (cont)
LM End	9.80	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66955_94431.jpg



WS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	10.01	Rating **	M	Issue No.	1087	
LM End	10.01	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.965085 °	37.965085 °	
				-121.143999 °	-121.143999 °	
DWR ID	23236					
Comment Code						
Inspector Comment						
DS_ID:23236 FS_ID:66956 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 - Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 - 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. LS pipe end filled with debris and dirt, recommend cleaning out. WS pipe end not seen. DWR DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn - GEI) 04/10/2014 May need cleaning of the pipe. (P. Tariq - DWR UCIP)Pipe not visible on waterside. FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Grouted inlet and outlet. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.22)]. FS Date: 3/25/2021						

LM Start	10.01	Rating **	M	Issue No.	1087 (cont)
LM End	10.01	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66956_94436.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_66956_94437.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	10.01	Rating **	M	Issue No.	1087 (cont)
LM End	10.01	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965085 °	37.965085 °
				-121.143999 °	-121.143999 °
DWR ID	23236				

Photo 3 of 3 : UCIP_FA_2022_66956_94440.jpg



WS view: Toe from 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	10.26	Rating **	M	Issue No.	1088	
LM End	10.26	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.965104 °	37.965104 °	
				-121.148460 °	-121.148460 °	
DWR ID	23237					
Comment Code						
Inspector Comment						
DS_ID:23237 FS_ID:66959 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/25/2021 Record has been upgraded from No Action Needed to Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal video 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/10/2014 May need cleaning of the inlet pipe. Vegetation debris on inlet box. (P. Tariq - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 7.5 feet below the crown. Concrete U-shaped headwall on the landside (LS). Flap gate on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.47)]. FS Date: 3/25/2021						

LM Start	10.26	Rating **	M	Issue No.	1088 (cont)
LM End	10.26	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66959_94453.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_66959_94456.jpg



LS view: Toe from crown, headwall visible.

* 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	10.26	Rating **	M	Issue No.	1088 (cont)
LM End	10.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965104 °	37.965104 °
				-121.148460 °	-121.148460 °
DWR ID	23237				

Photo 3 of 3 : UCIP_FA_2022_66959_94454.jpg



WS view: Toe from crown, pipe and flapgate visible.

LM Start	10.27	Rating **	M	Issue No.	1089	
LM End	10.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.965097 °	37.965097 °	
				-121.148671 °	-121.148671 °	
DWR ID	23238					

Comment Code

Inspector Comment

DS_ID:23238
FS_ID:65502
EP_NO: N/A
Repair Type: Non-Urgent
EVAL Issue: 11, Maintenance Compliance Issue
Crossing Status: Found
UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. Unit 15 – Mormon Slough (CLM 0 to 1.50 and 5.0 - 11.0) are considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 - 1.50 and 5.0 – 11.0 of Unit 15 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Cannot see inlet or pipe on LS, likely covered in trash or vegetation, recommend clearing out. DWR DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/10/2014 Pipe buried on landside. May need cleaning of vegetation debris in inlet opening. (P. Tariq - DWR UCIP)
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.49)].
FS Date: 3/25/2021

Photo 1 of 3 : UCIP_FA_2022_65502_94465.jpg



Levee crown looking upstream.

* 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
N/A : Not Applicable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	10.27	Rating **	M	Issue No.	1089 (cont)	
LM End	10.27	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.965097 °	37.965097 °	
				-121.148671 °	-121.148671 °	
DWR ID	23238					

Photo 2 of 3 : UCIP_FA_2022_65502_94466.jpg



LS view: Toe from levee crown.

LM Start	10.27	Rating **	M	Issue No.	1089 (cont)
LM End	10.27	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65502_94468.jpg



WS view: Toe from crown.

LM Start	10.75	Rating **	A/W	Issue No.	12
LM End	10.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.963449 °	37.963449 °
				-121.157018 °	-121.157018 °
DWR ID	NA0017U15RM12.12				

Comment Code

Inspector Comment

Site ID: NA0017U15RM12.12

*This area is patrol road only and therefore the site is not rated
08/02/2022: From 2020 to present, no significant changes were observed during the annual survey.

08/28/2019: The erosion is located at the lower slope of the channel bank and covered by dense vegetation.

Photo 1 of 1 : SJR2022_NA0017U15RM12.12_2.JPG



8/2/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	11.06	Rating **	M	Issue No.	256
LM End	11.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961447 °	37.961447 °
				-121.162063 °	-121.162063 °
DWR ID	DWR_NA0017_15_s_2022_256				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	11.41	Rating **	U	Issue No.	1092
LM End	11.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960784 °	37.960784 °
				-121.168119 °	-121.168119 °
DWR ID	23243				
Comment Code					
Inspector Comment					
DS_ID:23243 FS_ID:67088 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/25/2021 The record has been upgraded from Non-Urgent to Urgent. Pipe is heavily grouted around on WS, fairly hidden. No flapgate, open on both ends. DWR 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 Distorted outlet pipe on waterside. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 4 feet below the roadway. Grouted outlet on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 11.64)]. FS Date: 3/25/2021					

Photo 1 of 3 : UCIP_FA_2022_67088_94524.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	11.41	Rating **	U	Issue No.	1092 (cont)
LM End	11.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960784 °	37.960784 °
				-121.168119 °	-121.168119 °
DWR ID	23243				

Photo 2 of 3 : UCIP_FA_2022_67088_94525.jpg



LS view: Toe from crown, headwall visible.

LM Start	11.41	Rating **	U	Issue No.	1092 (cont)
LM End	11.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67088_94528.jpg



WS 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	11.55	Rating **	M	Issue No.	1093	
LM End	11.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.960961 °	37.960961 °	
				-121.170662 °	-121.170662 °	
DWR ID	23244					
Comment Code						
Inspector Comment						
DS_ID:23244 FS_ID:67087 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/25/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal video 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 LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 New pipe and flapgate. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS). Headwall with open inlet pipe on the landside (LS). Grouted outlet. [Additional Reference(s): DWR Levee Log, 1992, 18-inch pipe listed. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 11.79) 18-inch pipe listed]. FS Date: 3/25/2021						

LM Start	11.55	Rating **	M	Issue No.	1093 (cont)
LM End	11.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_67087_94534.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_67087_94535.jpg



LS view: Toe from crown, headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	11.55	Rating **	M	Issue No.	1093 (cont)
LM End	11.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960961 °	37.960961 °
				-121.170662 °	-121.170662 °
DWR ID	23244				

Photo 3 of 3 : UCIP_FA_2022_67087_94538.jpg



WS view: Toe from crown, headwall visible.

LM Start	11.59	Rating **	M	Issue No.	253
LM End	11.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.961149 °	37.961149 °
				-121.171394 °	-121.171394 °
DWR ID	DWR_NA0017_15_s_2022_253				
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

LM Start	12.01	Rating **	M	Issue No.	252	
LM End	12.01	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			37.962008 °		37.962008 °
				-121.179075 °		-121.179075 °
DWR ID	DWR_NA0017_15_s_2022_252					
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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	12.39	Rating **	M	Issue No.	1095	
LM End	12.39	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.961206 °	37.961206 °	
				-121.185819 °	-121.185819 °	
DWR ID	23247					
Comment Code						
Inspector Comment						
DS_ID:23247 FS_ID:67086 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/25/2021 The record has been upgraded from No Action Needed to Non- Urgent. DWR DMP internal video 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 LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 May need mud and debris cleaning. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 48-inch drainage pipe of an unknown material through the levee, 11.5 feet below the crown. Slide gate in corrugated metal riser unit on the waterside (WS) slope. Concrete U-shaped headwall on both ends. Flap gates. Grouted rock spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 12.65) corrugated metal pipe listed]. FS Date: 3/25/2021						

Photo 1 of 3 : UCIP_FA_2022_67086_94583.jpg



Levee crown looking upstream.

LM Start	12.39	Rating **	M	Issue No.	1095 (cont)
LM End	12.39	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_67086_94578.jpg



LS view: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	12.39	Rating **	M	Issue No.	1095 (cont)
LM End	12.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961206 °	37.961206 °
				-121.185819 °	-121.185819 °
DWR ID	23247				

Photo 3 of 3 : UCIP_FA_2022_67086_94576.jpg



WS view: Toe from crown.

LM Start	12.39	Rating **	U	Issue No.	1096
LM End	12.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961205 °	37.961205 °
				-121.185839 °	-121.185839 °
DWR ID	23454				

Comment Code

Inspector Comment

DS_ID:23454
 FS_ID:67085
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 03/25/2021 The record has been upgraded from No Action Needed to Urgent. Significant peeling of metal inside LS pipe. DWR 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 May need mud and debris cleaning. (P. Andy - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 2: 48-inch drainage pipe of an unknown material through the levee, 11.5 feet below the crown. Slide gate in corrugated metal riser units on the waterside (WS) slope. Concrete U-shaped headwall on both ends. Flap gates. Grouted rock spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 12.65) corrugated metal pipe listed].
 FS Date: 3/25/2021

Photo 1 of 3 : UCIP_FA_2022_67085_94588.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	12.39	Rating **	U	Issue No.	1096 (cont)
LM End	12.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961205 °	37.961205 °
				-121.185839 °	-121.185839 °
DWR ID	23454				

Photo 2 of 3 : UCIP_FA_2022_67085_94591.jpg



LS view: Headwall at toe.

LM Start	12.39	Rating **	U	Issue No.	1096 (cont)
LM End	12.39	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67085_94589.jpg



WS 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	12.56	Rating **	U	Issue No.	1098	
LM End	12.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.961082 °	37.961082 °	
				-121.189020 °	-121.189020 °	
DWR ID	23249					
Comment Code						
Inspector Comment						
DS_ID:23249 FS_ID:66972 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/25/2021 The record has been upgraded from No Action Needed to Urgent. DWR DMP internal video inspection has found pipe integrity issues. LOF of crossing is between 5 and 6. Minor erosion along LS headwall edges. Unknown plastic pipe underground adjacent to LS headwall, does not go through the levee. 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 LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 May need cleaning of pipes. Flood wall on waterside shoulder. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS). Grouted intake and spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 12.83)]. FS Date: 3/25/2021						

Photo 1 of 3 : UCIP_FA_2022_66972_94611.jpg



Levee crown looking upstream.

LM Start	12.56	Rating **	U	Issue No.	1098 (cont)
LM End	12.56	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_66972_94613.jpg



LS view: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	12.56	Rating **	U	Issue No.	1098 (cont)
LM End	12.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.961082 °	37.961082 °	
			-121.189020 °	-121.189020 °	
DWR ID	23249				

Photo 3 of 3 : UCIP_FA_2022_66972_94617.jpg



WS view: Headwall at toe from crown.

LM Start	13.15	Rating **	M	Issue No.	1101
LM End	13.15	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.961186 °	37.961186 °	
			-121.199150 °	-121.199150 °	
DWR ID	23252				

Comment Code

Inspector Comment

DS_ID:23252
 FS_ID:66975
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. DWR DMP internal video 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 LMA representative, H. Latu. (H. Dunn – GEI)
 04/14/2014 Needs pipe cleaning. (P. Andy - DWr UCIP)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Grouted spillway on the waterside (WS). Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 13.43)].
 FS Date: 3/25/2021

Photo 1 of 3 : UCIP_FA_2022_66975_94652.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	13.15	Rating **	M	Issue No.	1101 (cont)
LM End	13.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961186 °	37.961186 °
				-121.199150 °	-121.199150 °
DWR ID	23252				

Photo 2 of 3 : UCIP_FA_2022_66975_94654.jpg



LS view: Headwall at toe from crown.

LM Start	13.15	Rating **	M	Issue No.	1101 (cont)
LM End	13.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66975_94648.jpg



WS view: Toe and slope from crown.

LM Start	13.16	Rating **	M	Issue No.	248
LM End	13.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961182 °	37.961182 °
				-121.199287 °	-121.199287 °
DWR ID	DWR_NA0017_15_f_2022_248				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	13.47	Rating **	M	Issue No.	1103	
LM End	13.47	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.961446 °	37.961446 °	
				-121.204389 °	-121.204389 °	
DWR ID	23254					
Comment Code						
Inspector Comment						
DS_ID:23254 FS_ID:66977 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/25/2021 Pipe status is still Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (H. Dunn – GEI) 04/14/2014 Needs cleaning. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe through the levee, 8.5 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS). Grouted spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (Station 0+79)]. FS Date: 3/25/2021						

LM Start	13.47	Rating **	M	Issue No.	1103 (cont)
LM End	13.47	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66977_95094.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_66977_95095.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	13.47	Rating **	M	Issue No.	1103 (cont)
LM End	13.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961446 °	37.961446 °
				-121.204389 °	-121.204389 °
DWR ID	23254				

Photo 3 of 3 : UCIP_FA_2022_66977_95098.jpg



WS view: Headwall at toe from crown.

LM Start	13.50	Rating **	U	Issue No.	1104
LM End	13.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961696 °	37.961696 °
				-121.204944 °	-121.204944 °
DWR ID	23257				

Comment Code

Inspector Comment

DS_ID:23257
 FS_ID:66979
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 03/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI)

04/14/2014 May need cleaning. (P. Andy - DWR UCIP)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Concrete U-shaped headwalls on both ends. Grouted spillway and intake. Flap gate on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 13.79)].
 FS Date: 3/22/2021

Photo 1 of 3 : UCIP_FA_2022_66979_95108.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	13.50	Rating **	U	Issue No.	1104 (cont)	
LM End	13.50	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.961696 °	37.961696 °	
				-121.204944 °	-121.204944 °	
DWR ID	23257					

Photo 2 of 3 : UCIP_FA_2022_66979_95109.jpg



LS view: Headwall visible at toe from crown.

LM Start	13.50	Rating **	U	Issue No.	1104 (cont)
LM End	13.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66979_95112.jpg



WS view: Headwall at toe from crown.

LM Start	14.43	Rating **	C	Issue No.	251
LM End	14.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.969041 °	37.969041 °
				-121.219221 °	-121.219221 °
DWR ID	DWR_NA0017_15_s_2022_251				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	14.73	Rating **	C	Issue No.	236
LM End	14.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.971321 °	37.971407 °
				-121.223849 °	-121.224047 °
DWR ID	DWR_NA0017_15_s_2022_236				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	14.76	Rating **	C	Issue No.	233
LM End	14.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.971544 °	37.971544 °
				-121.224378 °	-121.224378 °
DWR ID	DWR_NA0017_15_s_2022_233				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	15.20	Rating **	M	Issue No.	244
LM End	15.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974525 °	37.975595 °
				-121.231443 °	-121.233959 °
DWR ID	DWR_NA0017_15_f_2022_244				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	15.28	Rating **	U	Issue No.	1106	
LM End	15.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.975060 °	37.975060 °	
				-121.232719 °	-121.232719 °	
DWR ID	23188					
Comment Code						
Inspector Comment						
DS_ID:23188 FS_ID:66990 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/22/2021 The record has been upgraded from No Action Needed to Urgent. DWR 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI) 04/15/2014 May need cleaning. (P. Andy - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Concrete U-shaped headwall on both ends. Grouted spillway and intake. Flap gate on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 15.58)]. FS Date: 3/22/2021						

LM Start	15.28	Rating **	U	Issue No.	1106 (cont)
LM End	15.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66990_95201.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_66990_95202.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	15.28	Rating **	U	Issue No.	1106 (cont)
LM End	15.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.975060 °	37.975060 °
				-121.232719 °	-121.232719 °
DWR ID	23188				

Photo 3 of 3 : UCIP_FA_2022_66990_95205.jpg



WS view: Toe from crown.

LM Start	15.40	Rating **	U	Issue No.	1107
LM End	15.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.975790 °	37.975790 °
				-121.234609 °	-121.234609 °
DWR ID	23189				

Comment Code

Inspector Comment

DS_ID:23189
 FS_ID:66992
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 03/22/2021 Record updated from No Action Needed 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI) 04/15/2014 May need cleaning. (P. Andy - DWR UCIP)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 9.5 feet below the crown. Concrete U-shaped headwall on both ends. Grouted spillway and intake. Flap gate.
 [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 15.70)].
 FS Date: 3/22/2021

Photo 1 of 3 : UCIP_FA_2022_66992_95208.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	15.40	Rating **	U	Issue No.	1107 (cont)
LM End	15.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.975790 °	37.975790 °
				-121.234609 °	-121.234609 °
DWR ID	23189				

Photo 2 of 3 : UCIP_FA_2022_66992_95210.jpg



LS view: Headwall at toe.

LM Start	15.40	Rating **	U	Issue No.	1107 (cont)
LM End	15.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66992_95213.jpg



WS view: Headwall and flapgate at toe.

LM Start	15.50	Rating **	C	Issue No.	231
LM End	15.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.976469 °	37.976469 °
				-121.236292 °	-121.236292 °
DWR ID	DWR_NA0017_15_s_2022_231				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	15.52	Rating **	M	Issue No.	230
LM End	15.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976607 °	37.976607 °
				-121.236633 °	-121.236633 °
DWR ID	DWR_NA0017_15_s _ 2022_230				
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

LM Start	15.65	Rating **	M	Issue No.	243
LM End	15.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.977486 °	37.977486 °
				-121.238698 °	-121.238698 °
DWR ID	DWR_NA0017_15_f _ 2022_243				
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

LM Start	16.31	Rating **	C	Issue No.	228
LM End	16.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.982141 °	37.982141 °
				-121.249384 °	-121.249384 °
DWR ID	DWR_NA0017_15_s _ 2022_228				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	16.84	Rating **	M	Issue No.	242
LM End	16.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.985716 °	37.985716 °
				-121.257788 °	-121.257788 °
DWR ID	DWR_NA0017_15_f_2022_242				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_159_242_20221025_00506.jpg



View of erosion on the landside slope. Fall 2022

LM Start	16.94	Rating **	M	Issue No.	241
LM End	16.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.986372 °	37.986372 °
				-121.259304 °	-121.259304 °
DWR ID	DWR_NA0017_15_f_2022_241				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.40	Rating **	M	Issue No.	1112
LM End	17.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989509 °	37.989509 °
				-121.266860 °	-121.266860 °
DWR ID	23265				
Comment Code					
Inspector Comment					
DS_ID:23265 FS_ID:67012 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/22/2021 The record has been upgraded from No Action Needed to Non-Urgent. DWR DMP internal video 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 LMA representative, J. Jauregui. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Adjacent pipes are: two 14-inch pipes through the levee 3.0 feet below the crown. Steel trash rack on landside intake. FIELD_STRUCT_DESC: [Mormon Slough Pumping Plant No. 1] 1 of 3: 30-inch by 30-inch reinforced concrete box drainage culvert through the levee, 17.6 feet below the crown. Slide gate in riser unit on the waterside (WS) slope. Flap gate on the WS end. Concrete U-shaped headwall around all three pipes on the WS. Intake under the pump house on the landside (LS). Steel steps on the LS slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 17.74)]. FS Date: 3/22/2021					

Photo 1 of 3 : UCIP_FA_2022_67012_95334.jpg



LS view: Slope from toe, stairs and standpipe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.40	Rating **	M	Issue No.	1112 (cont)
LM End	17.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989509 °	37.989509 °
				-121.266860 °	-121.266860 °
DWR ID	23265				

Photo 2 of 3 : UCIP_FA_2022_67012_95331.jpg



WS view: Headwall and flapgates at toe.

LM Start	17.40	Rating **	M	Issue No.	1112 (cont)
LM End	17.40	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67012_95335.jpg



WS view: Toe from crown, slidegate in concrete box.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.40	Rating **	M	Issue No.	1113
LM End	17.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989520 °	37.989520 °
				-121.266878 °	-121.266878 °
DWR ID	23460				
Comment Code					
Inspector Comment					
DS_ID:23460 FS_ID:67013 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/22/2021 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 LMA representative, J. Jauregui. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Adjacent pipe is: 30-inch by 30-inch RC box culvert through the levee 17.6 feet below the crown. Steel trash rack on landside intake. FIELD_STRUCT_DESC: [Mormon Slough Pumping Plant No. 1] 2 of 3: 14-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breakers in 4-foot high riser units on the landside (LS) shoulder. Flap gates on the waterside (WS) end. Concrete U-shaped headwall around all three pipes on the WS. Pump house on the LS. Steel steps on the LS slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 17.74)]. FS Date: 3/22/2021					

LM Start	17.40	Rating **	M	Issue No.	1113 (cont)
LM End	17.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_67013_95347.jpg



LS view: Slope from toe.

Photo 2 of 3 : UCIP_FA_2022_67013_95343.jpg



WS view: Headwall and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.40	Rating **	M	Issue No.	1113 (cont)
LM End	17.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989520 °	37.989520 °
				-121.266878 °	-121.266878 °
DWR ID	23460				

Photo 3 of 3 : UCIP_FA_2022_67013_95348.jpg



WS view: Toe from crown, slidegate in concrete box.

LM Start	17.41	Rating **	M	Issue No.	1114
LM End	17.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989523 °	37.989523 °
				-121.266886 °	-121.266886 °
DWR ID	23461				

Comment Code

Inspector Comment

DS_ID:23461
 FS_ID:67014
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 03/22/2021 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 LMA representative, J. Jauregui. (H. Dunn – GEI) 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Adjacent pipe is: 30-inch by 30-inch RC box culvert through the levee 17.6 feet below the crown. Steel trash rack on landside.
 FIELD_STRUCT_DESC: [Mormon Slough Pumping Plant No. 1] 3 of 3: 14-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breakers in 4-foot high riser units on the landside (LS) shoulder. Flap gates on the waterside (WS) end. Concrete U-shaped headwall around all three pipes on the WS. Pump house on the LS. Wooden steps on the LS slope. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 17.74)].
 FS Date: 3/22/2021

Photo 1 of 3 : UCIP_FA_2022_67014_95358.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.41	Rating **	M	Issue No.	1114 (cont)
LM End	17.41	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.989523 °	37.989523 °
				-121.266886 °	-121.266886 °
DWR ID	23461				

Photo 2 of 3 : UCIP_FA_2022_67014_95354.jpg



WS view: Headwall and flapgate at toe.

LM Start	17.41	Rating **	M	Issue No.	1114 (cont)
LM End	17.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67014_95359.jpg



WS view: Toe from crown, slidegate in concrete box.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.66	Rating **	M	Issue No.	1115
LM End	17.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.991126 °	37.991126 °
				-121.271062 °	-121.271062 °
DWR ID	23267				
Comment Code					
Inspector Comment					
DS_ID:23267 FS_ID:67018 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 03/12/2021 Pipe status is still Non-Urgent. No cover on LS riser. Could not inspect LS pipe end due to fence for golf course. DWR DMP internal video 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 not found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI) 04/15/2014 CMP riser needs cleaning. (P. Taroq - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 13 feet below the crown. Concrete U-shaped headwall on the waterside (WS). Corrugated metal riser unit at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 18.01)]. FS Date: 3/12/2021					

LM Start	17.66	Rating **	M	Issue No.	1115 (cont)
LM End	17.66	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_67018_96286.jpg



Levee crown looking upstream.

Photo 2 of 3 : UCIP_FA_2022_67018_96287.jpg



LS view: Toe from crown, fence behind CMP riser, cannot access.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	17.66	Rating **	M	Issue No.	1115 (cont)
LM End	17.66	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.991126 °	37.991126 °
				-121.271062 °	-121.271062 °
DWR ID	23267				

Photo 3 of 3 : UCIP_FA_2022_67018_96290.jpg



WS view: Headwall and flapgate at toe.

LM Start	17.76	Rating **	M	Issue No.	240
LM End	17.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991942 °	37.991942 °
				-121.272511 °	-121.272511 °
DWR ID	DWR_NA0017_15_f_2022_240				
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

LM Start	18.16	Rating **	M	Issue No.	5	
LM End	18.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.994649 °	37.994649 °	
				-121.278333 °	-121.278333 °	
DWR ID	NA0017U15RM4.62					
Comment Code						
Inspector Comment						
Site ID: NA0017U15RM4.62 03/24/2022: This site was discovered during the Spring 2022 Levee Inspections. There is a vertical scarp 10 ft tall and 15 ft wide. The erosion is on the left bank of the Calaveras River just upstream of the confluence with Mormon Slough (Stockton Diverting Canal) and 25 ft downstream of a concrete drainage box culvert (DSID 23462).						

Photo 1 of 3 : SJR2022_NA0017U15RM4.62_1.JPG



3/24/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.16	Rating **	M	Issue No.	5 (cont)
LM End	18.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.994649 °	37.994649 °
				-121.278333 °	-121.278333 °
DWR ID	NA0017U15RM4.62				

Photo 2 of 3 : SJR2022_NA0017U15RM4.62_2.JPG



3/24/2022: Close-up view of the erosion pocket.

LM Start	18.16	Rating **	M	Issue No.	5 (cont)
LM End	18.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : SJR2022_NA0017U15RM4.62_3.JPG



3/24/2022: Another view of the 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.17	Rating **	M	Issue No.	1116
LM End	18.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.994695 °	37.994695 °
				-121.278191 °	-121.278191 °
DWR ID	23462				
Comment Code					
Inspector Comment					
DS_ID:23462 FS_ID:67020 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/12/2021 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 LMA representative, J. Jauregui. (H. Dunn – GEI) 04/15/2014 Slide gate in a concrete box on landside shoulder. (P. Tariq - DWR UCIP)Concrete headwall and flapgates on waterside. FIELD_STRUCT_DESC: Double 72-inch by 72-inch reinforced concrete box return structure through the levee, at an unknown depth. Slide gate in a concrete box on the landside (LS) shoulder. Concrete headwall and flap gates on the waterside (WS). [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (Station 310+46)]. FS Date: 3/12/2021					

Photo 1 of 3 : UCIP_FA_2022_67020_96302.jpg



Levee crown looking upstream.

LM Start	18.17	Rating **	M	Issue No.	1116 (cont)
LM End	18.17	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_67020_96298.jpg



LS view: 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.17	Rating **	M	Issue No.	1116 (cont)
LM End	18.17	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.994695 °	37.994695 °	
			-121.278191 °	-121.278191 °	
DWR ID	23462				

Photo 3 of 3 : UCIP_FA_2022_67020_96304.jpg



WS view: Headwall visible at toe from crown.

LM Start	18.17	Rating **	U	Issue No.	1117
LM End	18.17	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.994753 °	37.994753 °	
			-121.278107 °	-121.278107 °	
DWR ID	23269				

Comment Code

Inspector Comment

DS_ID:23269
FS_ID:67021
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 03/12/2021 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. WS riser is missing the cover. Some minor erosion above the WS headwall and a foot wide hole under the riprap on one outer edge of the headwall, see pics. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI)

04/15/2014 Slide gate handle missing. Vegetation on both inlet and outlet box. (P. Tariq - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Concrete U-shaped headwall on both levee sides. Slide gate in corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 18.54)].
FS Date: 3/12/2021

Photo 1 of 3 : UCIP_FA_2022_67021_96316.jpg



LS view: 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.17	Rating **	U	Issue No.	1117 (cont)
LM End	18.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.994753 °	37.994753 °
				-121.278107 °	-121.278107 °
DWR ID	23269				

Photo 2 of 3 : UCIP_FA_2022_67021_96314.jpg



WS view: Minor erosion above headwall, 3 of 3 photos.

LM Start	18.17	Rating **	U	Issue No.	1117 (cont)
LM End	18.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67021_96307.jpg



WS view: Hole underneath riprap and headwall edge.

LM Start	18.26	Rating **	M	Issue No.	232
LM End	18.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.994871 °	37.994863 °
				-121.276584 °	-121.275765 °
DWR ID	DWR_NA0017_15_f_2022_232				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.32	Rating **	U	Issue No.	1118
LM End	18.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.994938 °	37.994938 °
				-121.275529 °	-121.275529 °
DWR ID	23270				
Comment Code					
Inspector Comment					
DS_ID:23270 FS_ID:64907 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/12/2021 The record has been upgraded from No Action Needed to Urgent. Inside of LS pipe is protruded down and there is metal peeling away around the pipe a few feet in. Recommend internal video inspection to verify pipe integrity. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI) FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwall on both ends. Grouted spillway. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 18.68) corrugated metal pipe listed]. FS Date: 3/12/2021					

LM Start	18.32	Rating **	U	Issue No.	1118 (cont)
LM End	18.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_64907_96323.jpg



LS view: Headwall at toe.

Photo 2 of 3 : UCIP_FA_2022_64907_96322.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.32	Rating **	U	Issue No.	1118 (cont)
LM End	18.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.994938 °	37.994938 °
				-121.275529 °	-121.275529 °
DWR ID	23270				

Photo 3 of 3 : UCIP_FA_2022_64907_96327.jpg



WS view: Headwall and flapgate at toe.

LM Start	18.32	Rating **	M	Issue No.	229
LM End	18.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.994969 °	37.994969 °
				-121.275443 °	-121.275443 °
DWR ID	DWR_NA0017_15_f_2022_229				
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

LM Start	18.62	Rating **	M	Issue No.	224
LM End	18.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.998348 °	37.999687 °
				-121.272299 °	-121.270111 °
DWR ID	DWR_NA0017_15_f_2022_224				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.62	Rating **	M	Issue No.	223
LM End	18.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.998346 °	37.999795 °
				-121.272294 °	-121.269169 °
DWR ID	DWR_NA0017_15_f_2022_223				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	18.88	Rating **	M	Issue No.	1119
LM End	18.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.000116 °	38.000116 °
				-121.269301 °	-121.269301 °
DWR ID	23464				
Comment Code					
Inspector Comment					
DS_ID:23464 FS_ID:67023 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/12/2021 The record has been upgraded from No Action Needed to Non-Urgent. Vegetation debris and trash seen in LS pipe, 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 LMA representative, J. Jauregui. (H. Dunn – GEI) 04/15/2014 Slide gate in a concrete box on waterside shoulder. (P. tariq - DWR UCIP) FIELD_STRUCT_DESC: 30-inch reinforced concrete storm drainage pipe through the levee, 6 feet below the crown. Slide gate in a concrete box on the waterside (WS) shoulder. [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (Station 345+65)]. FS Date: 3/12/2021					

Photo 1 of 3 : UCIP_FA_2022_67023_96341.jpg



LS view: 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	18.88	Rating **	M	Issue No.	1119 (cont)
LM End	18.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.000116 °	38.000116 °
				-121.269301 °	-121.269301 °
DWR ID	23464				

Photo 2 of 3 : UCIP_FA_2022_67023_96340.jpg



LS view: Headwall visible at toe from crown.

LM Start	18.88	Rating **	M	Issue No.	1119 (cont)
LM End	18.88	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67023_96337.jpg



WS view: Headwall, flapgate, and slidegate at toe.

LM Start	19.87	Rating **	C	Issue No.	215
LM End	19.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.993841 °	37.993841 °
				-121.283844 °	-121.283844 °
DWR ID	DWR_NA0017_15_s_2022_215				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	19.97	Rating **	U	Issue No.	1120	
LM End	19.97	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.993645 °		37.993645 °
				-121.285805 °		-121.285805 °
DWR ID	23274					
Comment Code						
Inspector Comment						
DS_ID:23274 FS_ID:67031 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/12/2021 Record has been upgraded from Non-Urgent to Urgent. DWR 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. Cannot see LS manhole due to vegetation debris. WS flapgate overgrown with vegetation, recommend clearing. Based on previous inspection, a concrete block was found within the pipe so it is presumed abandoned, need confirmation from the owner. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Jauregui. (H. Dunn – GEI)11/16/2018 Internal video inspection revealed a concrete plug in the pipe, 49.2 feet from the outlet on the WS. Pipe improperly abandoned. Abandon properly or remove from levee. Crossing escalated to "Non-Urgent" due to the improper abandonment. Material type changed from steel to reinforced concrete. (A. McDonald - DWR UCIP)Concrete headwall not found on the LS. Manhole found on the LS. FIELD_STRUCT_DESC: 24-inch reinforced concrete gravity drainage pipe through the levee, 12 feet below the crown. Flap gate and concrete headwall on the waterside (WS). Manhole on the landside (LS). Pipe partially plugged with concrete on the LS. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 20.14)]. FS Date: 3/12/2021						

Photo 1 of 3 : UCIP_FA_2022_67031_96406.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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	19.97	Rating **	U	Issue No.	1120 (cont)
LM End	19.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.993645 °	37.993645 °
				-121.285805 °	-121.285805 °
DWR ID	23274				

Photo 2 of 3 : UCIP_FA_2022_67031_96409.jpg



WS view: Close up of headwall and flapgate, overgrown with vegetation.

LM Start	19.97	Rating **	U	Issue No.	1120 (cont)
LM End	19.97	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67031_96408.jpg



WS view: Headwall at toe, overgrown with vegetation.

LM Start	20.00	Rating **	N	Issue No.	103
LM End	20.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993586 °	37.993586 °
				-121.286275 °	-121.286275 °
DWR ID	DWR_NA0017_15_f_2013_103				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	20.16	Rating **	M	Issue No.	222
LM End	20.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.993800 °	37.993800 °
				-121.289069 °	-121.289069 °
DWR ID	DWR_NA0017_15_f _ 2022_222				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	20.92	Rating **	C	Issue No.	165
LM End	20.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.992012 °	37.992012 °
				-121.302761 °	-121.302761 °
DWR ID	DWR_NA0017_15_s_2020_165				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	21.08	Rating **	M	Issue No.	221
LM End	21.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.990936 °	37.990936 °
				-121.305284 °	-121.305284 °
DWR ID	DWR_NA0017_15_f_2022_221				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	21.33	Rating **	M	Issue No.	218
LM End	21.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.987887 °	37.987887 °
				-121.307551 °	-121.307551 °
DWR ID	DWR_NA0017_15_f_2022_218				
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

LM Start	21.37	Rating **	M	Issue No.	217
LM End	21.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.987405 °	37.987231 °
				-121.307771 °	-121.307868 °
DWR ID	DWR_NA0017_15_f_2022_217				
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

LM Start	21.40	Rating **	M	Issue No.	216
LM End	21.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.986998 °	37.986998 °
				-121.308007 °	-121.308007 °
DWR ID	DWR_NA0017_15_f_2022_216				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	21.80	Rating **	C	Issue No.	211
LM End	21.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.982711 °	37.982711 °
				-121.312892 °	-121.312892 °
DWR ID	DWR_NA0017_15_s_2022_211				
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

LM Start	21.81	Rating **	U	Issue No.	213
LM End	21.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.982668 °	37.982547 °
				-121.312932 °	-121.313118 °
DWR ID	DWR_NA0017_15_f_2022_213				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_159_213_20221025_00498.jpg



View of large animal burrow on the landside slope. Fall 2022

LM Start	21.84	Rating **	M	Issue No.	212
LM End	21.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.982334 °	37.982334 °
				-121.313410 °	-121.313410 °
DWR ID	DWR_NA0017_15_f_2022_212				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	21.88	Rating **	M	Issue No.	210
LM End	21.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981920 °	37.981853 °
				-121.314006 °	-121.314080 °
DWR ID	DWR_NA0017_15_s_2022_210				
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

LM Start	22.05	Rating **	M	Issue No.	209
LM End	22.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980494 °	37.980494 °
				-121.316379 °	-121.316379 °
DWR ID	DWR_NA0017_15_f_2022_209				
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

LM Start	22.07	Rating **	M	Issue No.	208
LM End	22.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980414 °	37.980414 °
				-121.316686 °	-121.316686 °
DWR ID	DWR_NA0017_15_f_2022_208				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	22.10	Rating **	M	Issue No.	207
LM End	22.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980256 °	37.980256 °
				-121.317170 °	-121.317170 °
DWR ID	DWR_NA0017_15_f _ 2022_207				
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

LM Start	22.14	Rating **	M	Issue No.	206
LM End	22.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.980066 °	37.980066 °
				-121.317953 °	-121.317953 °
DWR ID	DWR_NA0017_15_f_2022_206				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	22.22	Rating **	M	Issue No.	204
LM End	22.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980508 °	37.980508 °
				-121.319195 °	-121.319195 °
DWR ID	DWR_NA0017_15_f_2022_204				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	22.26	Rating **	M	Issue No.	134
LM End	22.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Rills			37.980937 °	37.980937 °
				-121.319809 °	-121.319809 °
DWR ID	DWR_NA0017_15_s_2020_134				
Comment Code					
E5 : Schedule repair of rills prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_159_134_20221025_00493.jpg



View of rills on the landside slope. Fall 2022

LM Start	22.29	Rating **	M	Issue No.	202
LM End	22.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.981119 °	37.981119 °
				-121.320180 °	-121.320180 °
DWR ID	DWR_NA0017_15_f_2022_202				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	22.40	Rating **	M	Issue No.	200
LM End	22.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.981456 °	37.981456 °
				-121.322117 °	-121.322117 °
DWR ID	DWR_NA0017_15_f_2022_200				
Comment Code					
PR : Prunings					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	22.47	Rating **	M	Issue No.	126
LM End	22.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981644 °	37.981644 °
				-121.323532 °	-121.323532 °
DWR ID	DWR_NA0017_15_s_2020_126				
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

LM Start	22.52	Rating **	M	Issue No.	199
LM End	22.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.981747 °	37.981747 °
				-121.324281 °	-121.324281 °
DWR ID	DWR_NA0017_15_f_2022_199				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	22.53	Rating **	M	Issue No.	198
LM End	22.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981809 °	37.981809 °
				-121.324596 °	-121.324596 °
DWR ID	DWR_NA0017_15_f_2022_198				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	22.55	Rating **	M	Issue No.	190
LM End	22.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981920 °	37.981920 °
				-121.324943 °	-121.324943 °
DWR ID	DWR_NA0017_15_f _ 2019_190				
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					

Photo 1 of 1 : FA_2022_NA0017_159_190_20220919_00048.jpg



View of fallen tree branch on landside slope. Spring 2022

LM Start	22.65	Rating **	M	Issue No.	197
LM End	22.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.982225 °	37.982225 °
				-121.326667 °	-121.326667 °
DWR ID	DWR_NA0017_15_f_2022_197				
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

LM Start	23.39	Rating **	C	Issue No.	169
LM End	23.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980029 °	37.980029 °
				-121.339587 °	-121.339587 °
DWR ID	DWR_NA0017_15_f_2019_169				
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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.38	10/11/2022 10/11/2022	Alberto De Leon

LM Start	23.84	Rating **	N	Issue No.	176
LM End	23.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976483 °	37.976483 °
				-121.345756 °	-121.345756 °
DWR ID	DWR_NA0017_15_s_2012_176				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	23.87	Rating **	M	Issue No.	196
LM End	23.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976136 °	37.976136 °
				-121.346107 °	-121.346107 °
DWR ID	DWR_NA0017_15_f_2022_196				
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

LM Start	23.99	Rating **	A/W	Issue No.	113
LM End	23.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Access Gates			37.974932 °	37.974932 °
				-121.347699 °	-121.347699 °
DWR ID	DWR_NA0017_15_s_2020_113				
Comment Code					
AG : Access Gates					
Inspector Comment					
The gate across the levee is for RD 2074.					

Photo 1 of 1 : FA_2022_NA0017_159_113_20220919_00033.jpg



View of metal gate and fence over levee road. 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.22	Rating **	A/W	Issue No.	4	
LM End	0.37	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			38.048159 °	38.048159 °	
				-121.016427 °	-121.016427 °	
DWR ID	NA0017U16RM23.35					
Comment Code						
Inspector Comment						
Site ID: NA0017U16RM23.35 *This area is patrol road only and therefore the site is not rated 07/28/2022: The site is being repaired. 06/23/2021: From 2018 to present, no significant changes were observed during the annual survey. 08/30/2017: The erosion has cut further into the river bank. Newly collapsed material is observed at the bottom of the erosion site. 08/16/2016: The erosion site was found progressed with signs of bank slipping. 08/12/2015: The erosion progressed at the site. Newly collapsed material is observed at the bottom of the erosion. 08/20/2014: The erosion at the site has worsened. The erosion increased in both length and in height. 09/12/2013: Site has been visited and signs of new erosion are visible. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind.						

LM Start	0.22	Rating **	A/W	Issue No.	4 (cont)
LM End	0.37	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM23.35_2.JPG



7/28/2022: View of the erosion from the opposite bank. Repairs are in progress.

Photo 2 of 2 : SJR2022_NA0017U16RM23.35_3.JPG



7/28/2022: Another view of the site being repaired.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.93	Rating **	A/W	Issue No.	10
LM End	0.96	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.042730 °	38.042730 °
				-121.025722 °	-121.025722 °
DWR ID	NA0017U16RM22.74				

Comment Code

Inspector Comment

Site ID: NA0017U16RM22.74

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2013 to present, no significant changes were observed during the annual survey. The erosion length was updated to 180 ft based on more accurate field measurements.

08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. There is a drainage pipe at the site, which might have caused the problem at one pocket erosion.

LM Start	0.93	Rating **	A/W	Issue No.	10 (cont)
LM End	0.96	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM22.74_2.JPG



7/28/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U16RM22.74_3.JPG



7/28/2022: Another view of the erosion.

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	1.12	Rating **	A/W	Issue No.	11	
LM End	1.13	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			38.040757 °	38.040757 °	
				-121.027786 °	-121.027786 °	
DWR ID	NA0017U16RM22.58					
Comment Code						
Inspector Comment						
Site ID: NA0017U16RM22.58						
*This area is patrol road only and therefore the site is not rated						
07/28/2022: From 2021 to present, no significant changes were						
observed during the annual survey.						
07/23/2020: The site has less vegetation and more bare soil on the						
upper slope since the previous inspection. Some sloughing was also						
observed.						
08/28/2019: From 2013 to 2019, no significant changes were observed						
during the annual survey.						
08/22/2012: The erosion is at the outside corner of a river bend, and						
next to a tree at the levee toe. Irrigation structure presents at the site.						
There is no levee structure on site.						

Photo 1 of 1 : SJR2022_NA0017U16RM22.58_2.JPG



7/28/2022: View of the erosion from the opposite bank.

LM Start	1.54	Rating **	A/W	Issue No.	41
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.039394 °	38.039394 °
				-121.035289 °	-121.035289 °
DWR ID	NA0017U16RM22.16				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM22.16					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: The length was increased to 100 ft. Otherwise, no					
significant changes were observed since the previous inspection.					
06/23/2021: The site was discovered during the field survey. The					
erosion is just downstream of a weir. There is some caving and					
sloughing visible on the slope and a large, 1.5-ft long and 0.8-ft wide					
rodent hole at the toe.					

Photo 1 of 2 : SJR2022_NA0017U16RM22.16_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	1.54	Rating **	A/W	Issue No.	41 (cont)
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.039394 °	38.039394 °	
			-121.035289 °	-121.035289 °	
DWR ID	NA0017U16RM22.16				

Photo 2 of 2 : SJR2022_NA0017U16RM22.16_3.JPG



7/28/2022: View of the erosion and large animal hole in the center at the toe.

LM Start	1.67	Rating **	A/W	Issue No.	13
LM End	1.68	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		38.038751 °	38.038751 °	
			-121.037347 °	-121.037347 °	
DWR ID	NA0017U16RM22.15				

Comment Code

Inspector Comment

Site ID: NA0017U16RM22.15

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2013 to present, no significant changes were observed during the annual survey. This site was combined with a site immediately downstream (NA0017U016RM22.01) and the erosion length increased to 50 ft.

08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM22.15_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	1.67	Rating **	A/W	Issue No.	13 (cont)
LM End	1.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038751 °	38.038751 °
				-121.037347 °	-121.037347 °
DWR ID	NA0017U16RM22.15				

Photo 2 of 2 : SJR2022_NA0017U16RM22.01_02.JPG



7/23/2020: View of the erosion from the opposite bank.

LM Start	1.72	Rating **	A/W	Issue No.	14
LM End	1.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038080 °	38.038080 °
				-121.038676 °	-121.038676 °
DWR ID	NA0017U16RM21.95				

Comment Code

Inspector Comment

Site ID: NA0017U16RM21.95

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2013 to present, no significant changes were observed during the annual survey. The scarp is nearly vertical at the toe. This site was combined with a site immediately downstream (NA0017U16RM21.94) and the erosion length increased to 320 ft.
08/22/2012: The erosion is covered by dense vegetation. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM21.95_3.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	1.72	Rating **	A/W	Issue No.	14 (cont)
LM End	1.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038080 °	38.038080 °
				-121.038676 °	-121.038676 °
DWR ID	NA0017U16RM21.95				

Photo 2 of 2 : SJR2022_NA0017U16RM21.95_2.JPG



7/28/2022: View of the erosion a little further upstream.

LM Start	1.87	Rating **	A/W	Issue No.	18
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.036549 °	38.036549 °
				-121.040302 °	-121.040302 °
DWR ID	NA0017U16RM21.05				

Comment Code

Inspector Comment

Site ID: NA0017U16RM21.05

*This area is patrol road only and therefore the site is not rated
 07/28/2022: From 2013 to present, no significant changes were observed during the annual survey. The erosion length was updated to 290 ft in 2021 based on more accurate field measurements and the site was combined with a site immediately downstream (NA0017U16RM21.03). The erosion is just up and downstream of an irrigation pipe crossing (see DSIDs 23321/24938).
 08/22/2012: Berm width is estimated as 5 ft. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM21.05_2.JPG



7/28/2022: View of the erosion just upstream of the 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	1.87	Rating **	A/W	Issue No.	18 (cont)
LM End	1.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.036549 °	38.036549 °
				-121.040302 °	-121.040302 °
DWR ID	NA0017U16RM21.05				

Photo 2 of 2 : SJR2022_NA0017U16RM21.05_3.JPG



7/28/2022: Another view of the erosion.

LM Start	2.26	Rating **	A/W	Issue No.	21
LM End	2.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.032670 °	38.032670 °
				-121.044700 °	-121.044700 °
DWR ID	NA0017U16RM20.71				

Comment Code

Inspector Comment

Site ID: NA0017U16RM20.71

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2013 to present, no significant changes were observed during the annual survey. The erosion length was updated to 75 ft based on more accurate field measurements.
08/22/2012: Site is covered with dense vegetation. There is no levee structure on site.

Photo 1 of 1 : SJR2022_NA0017U16RM20.71_3.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.29	Rating **	A/W	Issue No.	33
LM End	2.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.032202 °	38.032202 °
				-121.045226 °	-121.045226 °
DWR ID	NA0017U16RM20.62				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM20.62					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2013 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
120 ft based on more accurate field measurements.					
08/22/2012: The erosion was first reported in the 2012 spring levee					
inspection report. There is no levee structure on site.					

LM Start	2.29	Rating **	A/W	Issue No.	33 (cont)
LM End	2.31	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM20.62_4.JPG



7/28/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U16RM20.62_2.JPG



7/28/2022: Close-up view of the 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.44	Rating **	M	Issue No.	247
LM End	2.44	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			38.030668 °	38.030668 °
				-121.046842 °	-121.046842 °
DWR ID	DWR_NA0017_16_f_2017_247				
Comment Code					
Inspector Comment					
Arundo growing in the channel may decrease the capacity of the channel.					

Photo 1 of 1 : FA_2022_NA0017_160_247_20220919_00080.jpg



View of Arundo within the channel looking downstream. Spring 2021

LM Start	2.45	Rating **	M	Issue No.	345
LM End	2.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.030548 °	38.030548 °
				-121.046998 °	-121.046998 °
DWR ID	23323				
Comment Code					
Inspector Comment					
DS_ID:23323 FS_ID:65963 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/09/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. Access limited to pipe inlet due to fencing. Pipe inlet appears bent and partly filled with sediment. Briar bush and vegetation overgrowth limiting visibility of WS slope. No permit has been identified authorizing utility. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/24/2014 Heavy vegetation obscuring outlet. remove vegetation and verify flapgate installed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 3 feet below the roadway. Grouted spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 2.52)]. FS Date: 3/9/2021					

Photo 1 of 3 : UCIP_FA_2022_65963_95459.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.45	Rating **	M	Issue No.	345 (cont)
LM End	2.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.030548 °	38.030548 °
				-121.046998 °	-121.046998 °
DWR ID	23323				

Photo 2 of 3 : UCIP_FA_2022_65963_95460.jpg



LS View

LM Start	2.45	Rating **	M	Issue No.	345 (cont)
LM End	2.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65963_95461.jpg



LS View: Pipe inlet visible at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.70	Rating **	M	Issue No.	346
LM End	2.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.028210 °	38.028210 °
				-121.050220 °	-121.050220 °
DWR ID	23446				
Comment Code					
Inspector Comment					
DS_ID:23446 FS_ID:65964 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/09/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP internal video inspection has not found pipe integrity issues. LOF of crossing is less or equal to 4.0. Recommend next video inspection in 5 years. Current condition of pipe crossing does not impede access to patrol road/high ground area. Briar bush overgrowth limiting access and visibility at WS slope. No flapgate at WS. No permit has been identified authorizing utility. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)09/18/2018 Lots of sediment in the inlet: needs to be cleared out. No integrity issues, yet there's dense vegetation and potential flooding risk during high water. Crossing downgraded to "Non-Urgent." (A. McDonald - DWR UCIP)10/31/2016 Same as last inspection. Pipe is open on both ends, no flap gate. (O. Magana - DWR UCIP)04/24/2014 Pipe in non-project levee area. Pipe open on both ends, no flapgate. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage culvert through the levee, 10 feet below the crown. Pipe open on both ends. [Additional Reference(s): USACE San Joaquin O&M Manual Unit 611, Part No. 1 – Mormon Slough Project, Unit 15 Mormon Slough: HLM 1.18 – 13.46, Unit 15 Diverting Canal: HLM 13.79 – 18.01, Unit 15 Calaveras River LB: 18.54-18.76, Unit 15 Calaveras River RB: HLM 19.35 – 25.38, Unit 16 Mormon Slough: 0.27 – 13.18, Unit 16 Diverting Canal: 14.71 – 17.79, Unit 16 Calaveras River: 18.98 – 23.36, Unit 17 Potter Creek RB: 0.33 – 0.60, Unit 18 Potter Creek LB: 0.00-0.55, (HLM 2.82)] FS Date: 3/9/2021					

Photo 1 of 3 : UCIP_FA_2022_65964_95452.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.70	Rating **	M	Issue No.	346 (cont)
LM End	2.70	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.028210 °	38.028210 °
				-121.050220 °	-121.050220 °
DWR ID	23446				

Photo 2 of 3 : UCIP_FA_2022_65964_95453.jpg



LS View: Pipe in drainage ditch at LS.

LM Start	2.70	Rating **	M	Issue No.	346 (cont)
LM End	2.70	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65964_95454.jpg



LS View: Pipe in drainage ditch at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	2.92	Rating **	A/W	Issue No.	22
LM End	2.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.026372 °	38.026372 °
				-121.053819 °	-121.053819 °
DWR ID	NA0017U16RM19.95				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM19.95					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2013 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
110 ft based on more accurate field measurements. Additionally, the					
coordinates, LM, and RM were updated and the Site ID changed from					
NA0017U16RM20 to NA0017U16RM19.95.					
08/22/2012: Site comprised of series of pocket and scarp erosions.					
Some of erosions are covered by grass or shrubs. There is no levee					
structure on site.					

Photo 1 of 1 : SJR2022_NA0017U16RM20.00_2.JPG



7/28/2022: View of the erosion from the opposite bank.

LM Start	3.47	Rating **	U	Issue No.	152
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.021032 °	38.021032 °
				-121.061085 °	-121.061085 °
DWR ID	DWR_NA0017_16_f_2013_152				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					
Arundo is encroaching onto the patrol road limiting access.					

Photo 1 of 1 : FA_2022_NA0017_160_152_20221024_00628.jpg



View of Arundo on the waterside shoulder. Fall 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	3.47	Rating **	M	Issue No.	266
LM End	3.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.021035 °	38.021035 °
				-121.061098 °	-121.061098 °
DWR ID	DWR_NA0017_16_f_2022_266				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	3.61	Rating **	A/W	Issue No.	38
LM End	3.62	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.019642 °	38.019642 °
				-121.062917 °	-121.062917 °
DWR ID	NA0017U16RM19.29				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM19.29					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2015 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
60 ft based on more accurate field measurements.The vegetation					
growth has increased.					
08/20/2014: A pocket erosion was found near the water's edge.					

Photo 1 of 1 : SJR2022_NA0017U16RM19.29_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	4.10	Rating **	M	Issue No.	268
LM End	4.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.013708 °	38.013708 °
				-121.067607 °	-121.067607 °
DWR ID	DWR_NA0017_16_f_2022_268				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	4.17	Rating **	A/W	Issue No.	24
LM End	4.18	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.012792 °	38.012792 °
				-121.068073 °	-121.068073 °
DWR ID	NA0017U16RM18.69				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM18.69					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2018 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
50 ft based on more accurate field measurements. The site is located					
just upstream of an irrigation pipe crossing (DSIDs 23328/24945).					
08/30/2017: New erosion observed at the site, under the irrigation pipe.					
08/16/2016: From 2013 to present, no significant changes were					
observed during the annual survey.					
08/22/2012: An irrigation pipe is present at the site, but probably did not					
cause the erosion. There is no levee structure on site.					

Photo 1 of 1 : SJR2022_NA0017U16RM18.69_3.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	4.17	Rating **	M	Issue No.	347	
LM End	4.17	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.012790 °	38.012790 °	
				-121.067991 °	-121.067991 °	
DWR ID	23447					
Comment Code						
Inspector Comment						
DS_ID:23447 FS_ID:66022 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/08/2021 Record updated from No Action Needed to Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Current condition of pipe crossing does not impede access to patrol road/high ground area. Utility not found during inspection. Grout apron observed on WS slope, approximately 50 feet upstream of geophysics location. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the roadway, 3-foot invert below the surface. Drain inlet ungated. [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 4.33)]. FS Date: 3/8/2021						

LM Start	4.17	Rating **	M	Issue No.	347 (cont)
LM End	4.17	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66022_95383.jpg



Crossing Overview

Photo 2 of 3 : UCIP_FA_2022_66022_95384.jpg



LS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	4.17	Rating **	M	Issue No.	347 (cont)
LM End	4.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.012790 °	38.012790 °
				-121.067991 °	-121.067991 °
DWR ID	23447				

Photo 3 of 3 : UCIP_FA_2022_66022_95385.jpg



WS View: Grout apron at WS slope.

LM Start	5.02	Rating **	M	Issue No.	269
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.001625 °	38.001625 °
				-121.074238 °	-121.074238 °
DWR ID	DWR_NA0017_16_f _ 2022_269				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.28	Rating **	M	Issue No.	271
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.998623 °	37.998435 °
				-121.076997 °	-121.077137 °
DWR ID	DWR_NA0017_16_f_2022_271				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.31	Rating **	M	Issue No.	274
LM End	5.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.998264 °	37.998264 °
				-121.077273 °	-121.077273 °
DWR ID	DWR_NA0017_16_f_2022_274				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.33	Rating **	A/W	Issue No.	25
LM End	5.37	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.997720 °	37.997720 °
				-121.077807 °	-121.077807 °
DWR ID	NA0017U16RM17.81				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM17.81					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2013 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
210 ft based on more accurate field measurements.					
08/22/2012: The site is located at the opposite river bank of E. Tobacco					
Road. There is no levee structure on site.					

Photo 1 of 2 : SJR2022_NA0017U16RM17.81_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.33	Rating **	A/W	Issue No.	25 (cont)
LM End	5.37	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.997720 °	37.997720 °
				-121.077807 °	-121.077807 °
DWR ID	NA0017U16RM17.81				

Photo 2 of 2 : SJR2022_NA0017U16RM17.81_3.JPG



7/28/2022: Another view of the erosion.

LM Start	5.34	Rating **	M	Issue No.	275
LM End	5.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.997767 °	37.997767 °
				-121.077626 °	-121.077626 °
DWR ID	DWR_NA0017_16_f_2022_275				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.42	Rating **	M	Issue No.	278
LM End	5.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.996896 °	37.996896 °
				-121.078376 °	-121.078376 °
DWR ID	DWR_NA0017_16_f_2022_278				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.48	Rating **	M	Issue No.	350	
LM End	5.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.996132 °	37.996132 °	
				-121.079127 °	-121.079127 °	
DWR ID	23332					
Comment Code						
Inspector Comment						
DS_ID:23332 FS_ID:66029 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/08/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR 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. Current condition of pipe crossing does not impede access to patrol road/high ground area. riar bush overgrowth limiting access and visibility on WS. Pipe appears to be deteriorating and severely corroded at the WS toe. Pipe inlet not visible on LS. Small depression visible at LS along alignment, possible location of buried pipe inlet. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/30/2014 Pipe appears abandoned and if so should be done so properly. LS of pipe is buried and WS is badly rusted. Pipe should be inspected internally. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Grout over pipe in channel with pipe open and visible in water at the WS toe. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 5.69)]. FS Date: 3/8/2021						

Photo 1 of 3 : UCIP_FA_2022_66029_95182.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.48	Rating **	M	Issue No.	350 (cont)
LM End	5.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.996132 °	37.996132 °
				-121.079127 °	-121.079127 °
DWR ID	23332				

Photo 2 of 3 : UCIP_FA_2022_66029_95183.jpg



LS View: Small depression visible at LS.

LM Start	5.48	Rating **	M	Issue No.	350 (cont)
LM End	5.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66029_95184.jpg



LS View: Small depression visible at LS.

LM Start	5.51	Rating **	M	Issue No.	279
LM End	5.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.995809 °	37.995809 °
				-121.079431 °	-121.079431 °
DWR ID	DWR_NA0017_16_f_2022_279				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.54	Rating **	A/W	Issue No.	34
LM End	5.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.995216 °	37.995216 °
				-121.080159 °	-121.080159 °
DWR ID	NA0017U16RM17.27				

Comment Code

Inspector Comment

Site ID: NA0017U16RM17.27

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2014 to present, no significant changes were observed during the annual survey. The erosion is visible in three locations.

09/12/2013: The erosion seems to be caused by high river flow. Dense vegetation is present at the site. Signs of animal activities are visible. There is no levee structure on site.

LM Start	5.54	Rating **	A/W	Issue No.	34 (cont)
LM End	5.58	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM17.27_2.JPG



7/28/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U16RM17.27_3.JPG



7/28/2022: Another view of the 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	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	5.62	Rating **	M	Issue No.	284
LM End	5.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.994524 °	37.994524 °
				-121.080614 °	-121.080614 °
DWR ID	DWR_NA0017_16_f_2022_284				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.49	Rating **	M	Issue No.	355	
LM End	6.49	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.984274 °	37.984274 °	
				-121.089714 °	-121.089714 °	
DWR ID	23448					
Comment Code						
Inspector Comment						
DS_ID:23448 FS_ID:66039 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/08/2021 Record updated from No Action Needed to Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. Utility not found during inspection. No permit has been identified authorizing utility. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 3-foot invert below the crown. Drain inlet ungated. [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 6.70)]. FS Date: 3/8/2021						

Photo 1 of 3 : UCIP_FA_2022_66039_95045.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.49	Rating **	M	Issue No.	355 (cont)
LM End	6.49	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.984274 °	37.984274 °
				-121.089714 °	-121.089714 °
DWR ID	23448				

Photo 2 of 3 : UCIP_FA_2022_66039_95046.jpg



LS View

LM Start	6.49	Rating **	M	Issue No.	355 (cont)
LM End	6.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66039_95047.jpg



WS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.53	Rating **	A/W	Issue No.	27
LM End	6.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.983279 °	37.983279 °
				-121.090843 °	-121.090843 °
DWR ID	NA0017U16RM16.27				
Comment Code					

Comment Code

Inspector Comment

Site ID: NA0017U16RM16.27

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2014 to present, no significant changes were observed during the annual survey. Noticed several locations with signs of burrowing activity near the downstream end of the erosion site. The erosion length was updated to 600 ft based on more accurate field measurements.

09/12/2013: Site has been surveyed and the erosion has worsened since last year.

08/22/2012: Discontinuous scarp or pocket erosions occurred along a long stretch of the river, with an erosion height greater than 25 ft. at certain points. There is no levee structure on site.

LM Start	6.53	Rating **	A/W	Issue No.	27 (cont)
LM End	6.64	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM16.27_2.JPG



7/28/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U16RM16.27_3.JPG



7/28/2022: Another view of the 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.70	Rating **	A/W	Issue No.	39
LM End	6.71	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.982299 °	37.982299 °
				-121.092665 °	-121.092665 °
DWR ID	NA0017U16RM16.15				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM16.15					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2020 to present, no changes were observed during the annual survey.					
08/29/2019: There is no levee at the site. The erosion is likely caused by surface runoff.					

Photo 1 of 1 : SJR2022_NA0017U16RM16.15_2.JPG



7/28/2022: View of the erosion from the opposite bank.

LM Start	6.84	Rating **	M	Issue No.	356	
LM End	6.84	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.981090 °	37.981090 °	
				-121.094585 °	-121.094585 °	
DWR ID	23450					
Comment Code						
Inspector Comment						
DS_ID:23450						
FS_ID:66042						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Not Found						
UCIP Comments: 03/08/2021 Record updated from No Action Needed to Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Utility not found during visual inspection. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Angular cobbles and briar bush overgrowth on WS slope. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)						
FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 3-foot invert below the crown. Drain inlet ungated. [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 7.10)].						
FS Date: 3/8/2021						

Photo 1 of 3 : UCIP_FA_2022_66042_95024.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.84	Rating **	M	Issue No.	356 (cont)
LM End	6.84	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.981090 °	37.981090 °	
			-121.094585 °	-121.094585 °	
DWR ID	23450				

Photo 2 of 3 : UCIP_FA_2022_66042_95025.jpg



LS View

LM Start	6.84	Rating **	M	Issue No.	356 (cont)
LM End	6.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_66042_95026.jpg



WS View: Angular cobbles 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.89	Rating **	M	Issue No.	357
LM End	6.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.980903 °	37.980903 °
				-121.095038 °	-121.095038 °
DWR ID	23449				
Comment Code					
Inspector Comment					
DS_ID:23449 FS_ID:66041 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/08/2021 Record updated from No Action Needed to Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Utility not found during visual inspection. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Angular cobbles and briar bush overgrowth on WS slope. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 3-foot invert below the crown. Drain inlet ungated. [Additional Reference(s): USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 7.08)]. FS Date: 3/8/2021					

Photo 1 of 3 : UCIP_FA_2022_66041_95028.jpg



Crossing Overview

LM Start	6.89	Rating **	M	Issue No.	357 (cont)
LM End	6.89	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_66041_95029.jpg



LS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	6.89	Rating **	M	Issue No.	357 (cont)
LM End	6.89	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.980903 °	37.980903 °	
			-121.095038 °	-121.095038 °	
DWR ID	23449				

Photo 3 of 3 : UCIP_FA_2022_66041_95030.jpg



WS View: Angular cobbles and briar bush overgrowth on WS slope.

LM Start	7.29	Rating **	A/W	Issue No.	36
LM End	7.31	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.978194 °	37.978194 °	
			-121.101696 °	-121.101696 °	
DWR ID	NA0017U16RM15.57				

Comment Code

Inspector Comment

Site ID: NA0017U16RM15.57

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2014 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. The site ID changed from NA0017U16RM10.82 to NA0017U16RM15.57 in 2014 to reflect the correct river mile.

09/12/2013: The site is located at immediately downstream of a levee segment protected by broken concrete. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM15.57_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	7.29	Rating **	A/W	Issue No.	36 (cont)	
LM End	7.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.978194 °	37.978194 °	
				-121.101696 °	-121.101696 °	
DWR ID	NA0017U16RM15.57					

Photo 2 of 2 : SJR2022_NA0017U16RM15.57_3.JPG



7/28/2022: Close-up view of the erosion.

LM Start	7.41	Rating **	A/W	Issue No.	40
LM End	7.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.977421 °	37.977421 °
				-121.103507 °	-121.103507 °
DWR ID	NA0017U16RM15.45				

Comment Code

Inspector Comment

Site ID: NA0017U16RM15.45

*This area is patrol road only and therefore the site is not rated
07/28/2022: From 2021 to present, no significant changes were observed during the annual survey.

07/24/2020: This site was discovered during the DWR Fall 2015 Levee Inspections and first included in the erosion survey in 2019. Some fill, which is eroding, was placed on top of the erosion in one location.

Photo 1 of 2 : SJR2022_NA0017U16RM15.45_2.JPG



7/28/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	7.41	Rating **	A/W	Issue No.	40 (cont)
LM End	7.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.977421 °	37.977421 °
				-121.103507 °	-121.103507 °
DWR ID	NA0017U16RM15.45				

Photo 2 of 2 : SJR2022_NA0017U16RM15.45_3.JPG



7/28/2022: Another view of the erosion.

LM Start	8.05	Rating **	M	Issue No.	285
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.971953 °	37.971953 °
				-121.112837 °	-121.112837 °
DWR ID	DWR_NA0017_16_f_2022_285				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_285_20221024_00630.jpg



View of debris along the waterside shoulder. 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	8.34	Rating **	A/W	Issue No.	29
LM End	8.38	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.969213 °	37.969213 °
				-121.116574 °	-121.116574 °
DWR ID	NA0017U16RM14.48				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM14.48					
*This area is patrol road only and therefore the site is not rated					
07/28/2022: From 2013 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
200 ft based on more accurate field measurements.					
08/22/2012: The erosion occurred on a berm of approximately 25 ft.					
wide. Site is covered with dense vegetation. There is no levee structure					
on site.					

Photo 1 of 2 : SJR2022_NA0017U16RM14.48_2.JPG



7/28/2022: View of the erosion from the opposite bank.

LM Start	8.34	Rating **	A/W	Issue No.	29 (cont)
LM End	8.38	Issue Type +	Ma	Location *	

Photo 2 of 2 : SJR2022_NA0017U16RM14.48_3.JPG



7/28/2022: View of the erosion 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	8.56	Rating **	M	Issue No.	361	
LM End	8.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.968321 °	37.968321 °	
				-121.120059 °	-121.120059 °	
DWR ID	23341					
Comment Code						
Inspector Comment						
DS_ID:23341 FS_ID:65870 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 03/08/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Geophysical study indicates possible presence of pipe through levee. Owner needs to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. Utility not found during inspection. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No inlet observed on LS, but low point visible at LS toe. Briar bush overgrowth at WS toe. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/30/2014 Pipe inlet filled with soil and should be cleared. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Grouted spillway. Grout visible on the waterside (WS) slope and at a low point on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 8.83)]. FS Date: 3/8/2021						

LM Start	8.56	Rating **	M	Issue No.	361 (cont)
LM End	8.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_65870_94940.jpg



Crossing Overview

Photo 2 of 3 : UCIP_FA_2022_65870_94941.jpg



LS View: Depression 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	8.56	Rating **	M	Issue No.	361 (cont)	
LM End	8.56	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.968321 °	37.968321 °	
				-121.120059 °	-121.120059 °	
DWR ID	23341					

Photo 3 of 3 : UCIP_FA_2022_65870_94942.jpg



LS View: Depression at LS toe.

LM Start	8.99	Rating **	A/W	Issue No.	37
LM End	9.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966585 °	37.966585 °
				-121.127388 °	-121.127388 °
DWR ID	NA0017U16RM13.85				

Comment Code

Inspector Comment

Site ID: NA0017U16RM13.85

*This area is patrol road only and therefore the site is not rated
08/02/2022: From 2014 to present, no significant changes were observed during the annual survey. The site was combined with NA0017U16RM13.83 and NA0017U16RM13.86 and the length increased to 160 ft.

09/12/2013: The erosion might have been caused by river flow combined with runoff. Dense vegetation is presents at the site. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM13.85_2.JPG



8/2/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	8.99	Rating **	A/W	Issue No.	37 (cont)
LM End	9.02	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966585 °	37.966585 °
				-121.127388 °	-121.127388 °
DWR ID	NA0017U16RM13.85				

Photo 2 of 2 : SJR2022_NA0017U16RM13.86_2.JPG



8/2/2022: View of the erosion further upstream.

LM Start	9.11	Rating **	A/W	Issue No.	30
LM End	9.13	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966922 °	37.966922 °
				-121.129533 °	-121.129533 °
DWR ID	NA0017U16RM13.72				

Comment Code

Inspector Comment

Site ID: NA0017U16RM13.72

*This area is patrol road only and therefore the site is not rated
08/02/2022: From 2013 to present, no significant changes were observed during the annual survey. The erosion length was updated to 110 ft based on more accurate field measurements.
08/22/2012: The erosion is covered with dense vegetation. There is no levee structure on site.

Photo 1 of 1 : SJR2022_NA0017U16RM13.72_2.JPG



8/2/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.31	Rating **	A/W	Issue No.	31
LM End	9.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966772 °	37.966772 °
				-121.133071 °	-121.133071 °
DWR ID	NA0017U16RM13.53				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM13.53					
*This area is patrol road only and therefore the site is not rated					
08/02/2022: From 2013 to present, no significant changes were					
observed during the annual survey. The erosion length was updated to					
130 ft based on more accurate field measurements.					
08/22/2012: The erosion is on berm. The berm width is estimated.					
There is no levee structure on site.					

LM Start	9.31	Rating **	A/W	Issue No.	31 (cont)
LM End	9.33	Issue Type +	Ma	Location *	

Photo 1 of 2 : SJR2022_NA0017U16RM13.53_3.JPG



8/2/2022: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2022_NA0017U16RM13.53_4.JPG



8/2/2022: View of the erosion a little further 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.48	Rating **	M	Issue No.	363
LM End	9.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965880 °	37.965880 °
				-121.135897 °	-121.135897 °
DWR ID	23344				
Comment Code					
Inspector Comment					
DS_ID:23344 FS_ID:65879 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/04/2021 Record status is still Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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 for rehabilitation. CM pipe is rusty and bent at LS opening. Observed a 2.5-inch PVC pipe discharging at LS pipe opening. Pipe is severely corroded at the WS toe. The metal is thinned, brittle, and peeling off from the pipe walls. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/30/2014 Inlet appears to be buried with soil on LS. Pipe heavily corroded at outlet on WS toe. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe, 3.5 feet below the roadway. Grouted spillway and inlet. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 9.77)]. FS Date: 3/4/2021					

Photo 1 of 3 : UCIP_FA_2022_65879_94889.jpg



Crossing Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.48	Rating **	M	Issue No.	363 (cont)
LM End	9.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.965880 °	37.965880 °
				-121.135897 °	-121.135897 °
DWR ID	23344				

Photo 2 of 3 : UCIP_FA_2022_65879_94890.jpg



LS View: PVC pipe discharging at LS pipe opening.

LM Start	9.48	Rating **	M	Issue No.	363 (cont)
LM End	9.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65879_94891.jpg



LS View: PVC pipe discharging at LS pipe opening.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	364	
LM End	9.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.964912 °	37.964912 °	
				-121.140827 °	-121.140827 °	
DWR ID	23345					
Comment Code						
Inspector Comment						
DS_ID:23345 FS_ID:65881 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/04/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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. CM pipe is bent and deformed with visible gaps at the LS pipe opening. Pipe appears rusty and weathered on WS. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/30/2014 Inlet on LS buried in soil. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe through the levee, 3.5 feet below the crown. Grouted spillway and inlet. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.07)]. FS Date: 3/4/2021						

LM Start	9.78	Rating **	M	Issue No.	364 (cont)
LM End	9.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_65881_94882.jpg



Crossing Overview

Photo 2 of 3 : UCIP_FA_2022_65881_94883.jpg



LS View: Pipe damaged at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	364 (cont)
LM End	9.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.964912 °	37.964912 °
				-121.140827 °	-121.140827 °
DWR ID	23345				

Photo 3 of 3 : UCIP_FA_2022_65881_94884.jpg



LS View: Pipe damaged at LS.

LM Start	9.86	Rating **	A/W	Issue No.	32
LM End	9.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.964735 °	37.964735 °
				-121.142503 °	-121.142503 °
DWR ID	NA0017U16RM12.95				

Comment Code

Inspector Comment

Site ID: NA0017U16RM12.95

*This area is patrol road only and therefore the site is not rated
08/02/2022: From 2013 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.
08/22/2012: Dense vegetation on site. There is no levee structure on site.

Photo 1 of 2 : SJR2022_NA0017U16RM12.95_2.JPG



8/2/2022: View of the erosion from the opposite bank.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	9.86	Rating **	A/W	Issue No.	32 (cont)
LM End	9.88	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.964735 °	37.964735 °
				-121.142503 °	-121.142503 °
DWR ID	NA0017U16RM12.95				

Photo 2 of 2 : SJR2022_NA0017U16RM12.95_4.JPG



8/2/2022: Another view of the 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.20	Rating **	M	Issue No.	366	
LM End	10.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.964670 °	37.964670 °	
				-121.148455 °	-121.148455 °	
DWR ID	23347					
Comment Code						
Inspector Comment						
DS_ID:23347 FS_ID:65884 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/04/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. 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. Limited access to and briar bush overgrowth on WS. Pipe is corroding and rusty at LS. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)04/30/2014 Heavy sediment buildup at inlet on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *High Ground* 18-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Concrete U-shaped headwall on the landside (LS). Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.50)]. FS Date: 3/4/2021						

LM Start	10.20	Rating **	M	Issue No.	366 (cont)
LM End	10.20	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_65884_94863.jpg



Crossing Overview

Photo 2 of 3 : UCIP_FA_2022_65884_94864.jpg



WS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.20	Rating **	M	Issue No.	366 (cont)	
LM End	10.20	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.964670 °		37.964670 °
				-121.148455 °		-121.148455 °
DWR ID	23347					

Photo 3 of 3 : UCIP_FA_2022_65884_94865.jpg



WS View: Pipe and flapgate at WS slope. Briar bush overgrowth present.

LM Start	10.21	Rating **	M	Issue No.	367
LM End	10.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.964660 °	37.964660 °
				-121.148660 °	-121.148660 °
DWR ID	23348				

Photo 1 of 3 : UCIP_FA_2022_65887_94853.jpg



Crossing Overview

Comment Code					
Inspector Comment					
DS_ID:23348 FS_ID:65887 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 03/04/2021 Record was updated from No Action Needed to Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available for rehabilitation. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: "High Ground" 18-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete headwall on the landside (LS). Flap gate on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 10.51)]. FS Date: 3/4/2021					

* 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.21	Rating **	M	Issue No.	367 (cont)
LM End	10.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.964660 °	37.964660 °
				-121.148660 °	-121.148660 °
DWR ID	23348				

Photo 2 of 3 : UCIP_FA_2022_65887_94854.jpg



WS View: Pipe and flapgate at WS slope.

LM Start	10.21	Rating **	M	Issue No.	367 (cont)
LM End	10.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65887_94855.jpg



WS View: Pipe and flapgate at WS slope.

LM Start	10.27	Rating **	M	Issue No.	292
LM End	10.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.964644 °	37.964644 °
				-121.149809 °	-121.149809 °
DWR ID	DWR_NA0017_16_f_2022_292				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.40	Rating **	M	Issue No.	296
LM End	10.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.964359 °	37.964359 °
				-121.152159 °	-121.152159 °
DWR ID	DWR_NA0017_16_f_2022_296				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.57	Rating **	M	Issue No.	288
LM End	10.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.963542 °	37.963542 °
				-121.155111 °	-121.155111 °
DWR ID	DWR_NA0017_16_f_2019_288				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion may cut into patrol access road.					

Photo 1 of 1 : FA_2022_NA0017_160_288_20220919_00088.jpg



View of erosion on the waterside shoulder. Spring 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.73	Rating **	M	Issue No.	368	
LM End	10.73	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.962755 °	37.962755 °	
				-121.157857 °	-121.157857 °	
DWR ID	23351					
Comment Code						
Inspector Comment						
DS_ID:23351 FS_ID:66083 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 03/04/2021 Record remains Non-Urgent. Unit 16 – Mormon Slough (CLM 0 to 11) is considered a patrol road/high ground area with no defined levee prism, any issue found between CLM 0 to 11 of Unit 16 will be considered a maintenance issue, or an unauthorized encroachment, or an abandoned encroachment. Current condition of pipe crossing does not impede access to patrol road/high ground area. No permit has been identified authorizing utility. CVFPB will need to review crossing to determine owner. Pipe not visible at grout apron on WS. No pipe inlet visible on LS. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)05/06/2014 Inlet appears to be buried on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe, 3.5 feet below the roadway. Grout over pipe in spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 11.05)]. FS Date: 3/4/2021						

LM Start	10.73	Rating **	M	Issue No.	368 (cont)
LM End	10.73	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_66083_94830.jpg



Crossing Overview

Photo 2 of 3 : UCIP_FA_2022_66083_94831.jpg



LS View

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.73	Rating **	M	Issue No.	368 (cont)
LM End	10.73	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.962755 °	37.962755 °
				-121.157857 °	-121.157857 °
DWR ID	23351				

Photo 3 of 3 : UCIP_FA_2022_66083_94832.jpg



WS View: Grout apron at WS slope.

LM Start	10.79	Rating **	M	Issue No.	303
LM End	10.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.962207 °	37.962207 °
				-121.158579 °	-121.158579 °
DWR ID	DWR_NA0017_16_f_2022_303				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.82	Rating **	M	Issue No.	307	
LM End	10.82	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			37.961849 °		37.961849 °
				-121.159112 °		-121.159112 °
DWR ID	DWR_NA0017_16_f_2022_307					
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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	10.83	Rating **	M	Issue No.	309
LM End	10.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.961763 °	37.961763 °
				-121.159175 °	-121.159175 °
DWR ID	DWR_NA0017_16_f_2022_309				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.90	Rating **	U	Issue No.	3
LM End	10.90	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.961464 °	37.961464 °
				-121.160376 °	-121.160376 °
DWR ID	DWR_NA0017_16_s_2022_3				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_3_20220919_00002.jpg



View of untrimmed trees along the waterside of the crown. Spring 2022

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	11.08	Rating **	M	Issue No.	369
LM End	11.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960565 °	37.960565 °
				-121.163287 °	-121.163287 °
DWR ID	23354				
Comment Code					
Inspector Comment					
DS_ID:23354 FS_ID:63857 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 03/04/2021 Record was 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. Soil accumulation and concrete debris near LS pipe opening. No visual of pipe at WS grout apron. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 3.5 feet below the roadway. Grouted spillway. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 11.41)]. FS Date: 3/4/2021					

Photo 1 of 3 : UCIP_FA_2022_63857_94805.jpg



Crown Overview

LM Start	11.08	Rating **	M	Issue No.	369 (cont)
LM End	11.08	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_63857_94806.jpg



LS View: Soil accumulation and concrete debris at pipe opening.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	11.08	Rating **	M	Issue No.	369 (cont)
LM End	11.08	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.960565 °	37.960565 °	
			-121.163287 °	-121.163287 °	
DWR ID	23354				

Photo 3 of 3 : UCIP_FA_2022_63857_94807.jpg



LS View: Pipe opening at LS.

LM Start	11.15	Rating **	U	Issue No.	370
LM End	11.15	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.960322 °	37.960322 °	
			-121.164400 °	-121.164400 °	
DWR ID	23355				

Comment Code

Inspector Comment

DS_ID:23355
FS_ID:65153
EP_NO: N/A
Repair Type: Urgent
EVAL Issue: 1, Pipe Integrity
Crossing Status: Found
UCIP Comments: 03/04/2021 Record was updated from No Action Needed to Urgent. DWR DMP has found integrity issues, LOF between 5 and 6. Crossing will be monitored until funding becomes available to be addressed. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Flapgate on WS appears misaligned at collar by approximately 1-inch. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)
FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Grouted inlet and outlet.
[Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 11.45) corrugated metal pipe listed].
FS Date: 3/4/2021

Photo 1 of 3 : UCIP_FA_2022_65153_94795.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	11.15	Rating **	U	Issue No.	370 (cont)
LM End	11.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960322 °	37.960322 °
				-121.164400 °	-121.164400 °
DWR ID	23355				

Photo 2 of 3 : UCIP_FA_2022_65153_94796.jpg



LS View: Headwall at LS toe.

LM Start	11.15	Rating **	U	Issue No.	370 (cont)
LM End	11.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65153_94797.jpg



LS View: Headwall 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	11.92	Rating **	M	Issue No.	371
LM End	11.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961429 °	37.961429 °
				-121.178380 °	-121.178380 °
DWR ID	23385				
Comment Code					
Inspector Comment					
DS_ID:23385 FS_ID:63851 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/04/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Observed a 4.5-inch PVC pipe discharging at headwall on LS. Flapgate on WS has single bullet hole. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Concrete U-shaped headwall on both ends. Grouted inlet and outlet. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 12.24)]. FS Date: 3/4/2021					

Photo 1 of 3 : UCIP_FA_2022_63851_94767.jpg



Crown Overview

LM Start	11.92	Rating **	M	Issue No.	371 (cont)
LM End	11.92	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_63851_94768.jpg



LS View: 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 - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	11.92	Rating **	M	Issue No.	371 (cont)
LM End	11.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.961429 °	37.961429 °
				-121.178380 °	-121.178380 °
DWR ID	23385				

Photo 3 of 3 : UCIP_FA_2022_63851_94769.jpg



LS View: Headwall at LS toe. PVC pipe discharging at headwall.

LM Start	12.26	Rating **	M	Issue No.	374
LM End	12.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960568 °	37.960568 °
				-121.184451 °	-121.184451 °
DWR ID	23388				

Comment Code

Inspector Comment

DS_ID:23388
 FS_ID:65149
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 03/03/2021 Record was updated from No Action Needed to Non-Urgent. DMP internal video 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. Burrow holes observed above headwall on LS slope. Pipe is rusty and CM of pipe seems to be slightly separating at LS toe. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Concrete U-shaped headwall on both ends. Grouted inlet and outlet. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 12.58)].
 FS Date: 3/3/2021

Photo 1 of 3 : UCIP_FA_2022_65149_65589.jpg



Grouted spillway on WS berm.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	12.26	Rating **	M	Issue No.	374 (cont)
LM End	12.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.960568 °	37.960568 °
				-121.184451 °	-121.184451 °
DWR ID	23388				

Photo 2 of 3 : UCIP_FA_2022_65149_65588.jpg



Concrete headwall on LS toe.

LM Start	12.26	Rating **	M	Issue No.	374 (cont)
LM End	12.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_65149_65587.jpg



Concrete headwall on LS toe.

LM Start	12.29	Rating **	M	Issue No.	5
LM End	12.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960493 °	37.960493 °
				-121.185000 °	-121.185000 °
DWR ID	DWR_NA0017_16_s_2022_5				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	12.37	Rating **	M	Issue No.	312
LM End	12.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.960320 °	37.960320 °	
			-121.186383 °	-121.186383 °	
DWR ID	DWR_NA0017_16_f_2022_312				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	12.61	Rating **	M	Issue No.	320
LM End	12.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.960179 °	37.959392 °	
			-121.190925 °	-121.194583 °	
DWR ID	DWR_NA0017_16_f_2022_320				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.83	Rating **	C	Issue No.	55
LM End	12.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.959416 °	37.959416 °	
			-121.194611 °	-121.194611 °	
DWR ID	DWR_NA0017_16_s_2022_55				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	13.56	Rating **	U	Issue No.	277
LM End	14.01	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961604 °	37.965214 °
				-121.206605 °	-121.213627 °
DWR ID	DWR_NA0017_16_s_2019_277				
Comment Code					
MA : Material					
Inspector Comment					
Fill material stored on landside crown.					

Photo 1 of 1 : FA_2022_NA0017_160_277_20220919_00084.jpg



View of fill material stored landside shoulder. Fall 2021

LM Start	14.10	Rating **	A/W	Issue No.	246
LM End	14.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.965835 °	37.965835 °
				-121.214884 °	-121.214884 °
DWR ID	DWR_NA0017_16_s_2018_246				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	14.64	Rating **	A/W	Issue No.	81
LM End	14.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.970093 °	37.970093 °
				-121.223263 °	-121.223263 °
DWR ID	DWR_NA0017_16_s_2022_81				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	14.70	Rating **	A/W	Issue No.	205
LM End	14.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.970528 °	37.970528 °	
			-121.224189 °	-121.224189 °	
DWR ID	DWR_NA0017_16_s_2022_205				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	14.76	Rating **	A/W	Issue No.	323
LM End	14.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.970926 °	37.970926 °	
			-121.225145 °	-121.225145 °	
DWR ID	DWR_NA0017_16_f_2022_323				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	15.99	Rating **	A/W	Issue No.	216
LM End	15.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.979334 °	37.979334 °	
			-121.245024 °	-121.245024 °	
DWR ID	DWR_NA0017_16_s_2022_216				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	16.43	Rating **	A/W	Issue No.	280
LM End	16.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.982396 °	37.982396 °	
			-121.252228 °	-121.252228 °	
DWR ID	DWR_NA0017_16_s _ 2022_280				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	16.54	Rating **	A/W	Issue No.	263
LM End	16.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.983081 °	37.983081 °	
			-121.253848 °	-121.253848 °	
DWR ID	DWR_NA0017_16_s _ 2021_263				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	16.83	Rating **	A/W	Issue No.	267
LM End	16.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.985093 °	37.985093 °	
			-121.258551 °	-121.258551 °	
DWR ID	DWR_NA0017_16_s _ 2021_267				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	16.84	Rating **	A/W	Issue No.	270
LM End	16.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.985132 °	37.985132 °
				-121.258825 °	-121.258825 °
DWR ID	DWR_NA0017_16_s_2021_270				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_270_20221024_00632.jpg



View of pedestrian pathway along the landside slope. Fall 2022

LM Start	16.96	Rating **	C	Issue No.	286
LM End	16.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.985993 °	37.985993 °
				-121.260671 °	-121.260671 °
DWR ID	DWR_NA0017_16_s_2022_286				
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

LM Start	17.07	Rating **	M	Issue No.	289	
LM End	17.07	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Foot Traffic			37.986713 °		37.986713 °
				-121.262346 °		-121.262346 °
DWR ID	DWR_NA0017_16_s_2022_289					
Comment Code						
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 1 of 1 : FA_2022_NA0017_160_289_20220919_00089.jpg



View of foot path along 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	17.10	Rating **	A/W	Issue No.	290
LM End	17.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.986919 °	37.986919 °	
			-121.262846 °	-121.262846 °	
DWR ID	DWR_NA0017_16_s _ 2022_290				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.15	Rating **	A/W	Issue No.	293
LM End	17.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.987285 °	37.987285 °	
			-121.263708 °	-121.263708 °	
DWR ID	DWR_NA0017_16_s _ 2016_293				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.19	Rating **	A/W	Issue No.	295
LM End	17.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.987593 °	37.987593 °	
			-121.264396 °	-121.264396 °	
DWR ID	DWR_NA0017_16_s _ 2022_295				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	17.21	Rating **	A/W	Issue No.	283
LM End	17.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.987687 °	37.987687 °
				-121.264607 °	-121.264607 °
DWR ID	DWR_NA0017_16_s _ 2021_283				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.32	Rating **	A/W	Issue No.	299
LM End	17.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.988426 °	37.988426 °
				-121.266371 °	-121.266371 °
DWR ID	DWR_NA0017_16_s _ 2022_299				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.37	Rating **	A/W	Issue No.	300
LM End	17.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.988805 °	37.988805 °
				-121.267270 °	-121.267270 °
DWR ID	DWR_NA0017_16_s _ 2022_300				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	17.46	Rating **	A/W	Issue No.	304
LM End	17.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.989383 °	37.989383 °	
			-121.268654 °	-121.268654 °	
DWR ID	DWR_NA0017_16_s _ 2022_304				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.72	Rating **	A/W	Issue No.	305
LM End	17.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.991183 °	37.991183 °	
			-121.272935 °	-121.272935 °	
DWR ID	DWR_NA0017_16_s _ 2022_305				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	17.78	Rating **	A/W	Issue No.	227
LM End	17.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Foot Traffic		37.991559 °	37.991559 °	
			-121.273792 °	-121.273792 °	
DWR ID	DWR_NA0017_16_s _ 2021_227				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	17.89	Rating **	M	Issue No.	306
LM End	17.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Vehicle Traffic			37.992320 °	37.992320 °
				-121.275567 °	-121.275567 °
DWR ID	DWR_NA0017_16_s_2022_306				
Comment Code					
E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Erosion caused by off-road motorcycle activity.					

Photo 1 of 1 : FA_2022_NA0017_160_306_20220919_00095.jpg



View of erosion within the waterside slope caused by motorcycle traffic.
Spring 2022

LM Start	18.38	Rating **	M	Issue No.	324
LM End	18.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.992859 °	37.992859 °
				-121.283977 °	-121.283977 °
DWR ID	DWR_NA0017_16_f_2022_324				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	18.69	Rating **	M	Issue No.	325
LM End	18.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.992795 °	37.992795 °
				-121.289465 °	-121.289465 °
DWR ID	DWR_NA0017_16_f_2022_325				
Comment Code					
T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	18.72	Rating **	A/W	Issue No.	294
LM End	18.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.992716 °	37.992716 °
				-121.290015 °	-121.290015 °
DWR ID	DWR_NA0017_16_s_2021_294				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	18.92	Rating **	C	Issue No.	311
LM End	18.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.992033 °	37.992033 °
				-121.293466 °	-121.293466 °
DWR ID	DWR_NA0017_16_s_2022_311				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	18.94	Rating **	N	Issue No.	65
LM End	18.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991937 °	37.991937 °
				-121.293932 °	-121.293932 °
DWR ID	DWR_NA0017_16_s_2012_65				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_65_20220919_00060.jpg



A tree stump was found on the landside of the levee looking upstream.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	19.99	Rating **	M	Issue No.	313
LM End	19.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.984671 °	37.984671 °	
			-121.308276 °	-121.308276 °	
DWR ID	DWR_NA0017_16_s _ 2022_313				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	20.24	Rating **	M	Issue No.	327
LM End	20.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.982259 °	37.982259 °	
			-121.311715 °	-121.311715 °	
DWR ID	DWR_NA0017_16_f _ 2022_327				
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

LM Start	20.30	Rating **	M	Issue No.	314
LM End	20.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.981699 °	37.981699 °	
			-121.312524 °	-121.312524 °	
DWR ID	DWR_NA0017_16_s _ 2022_314				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	20.31	Rating **	M	Issue No.	328
LM End	20.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981562 °	37.981562 °
				-121.312694 °	-121.312694 °
DWR ID	DWR_NA0017_16_f_2022_328				
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

LM Start	20.34	Rating **	M	Issue No.	315
LM End	20.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981263 °	37.981263 °
				-121.313126 °	-121.313126 °
DWR ID	DWR_NA0017_16_s_2022_315				
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

LM Start	20.73	Rating **	U	Issue No.	316
LM End	20.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.979119 °	37.979119 °
				-121.319013 °	-121.319013 °
DWR ID	DWR_NA0017_16_s_2022_316				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_316_20221024_00636.jpg



View of erosion/digging within the waterside slope caused by campers.
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	20.79	Rating **	N	Issue No.	95
LM End	20.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.979739 °	37.979739 °
				-121.319993 °	-121.319993 °
DWR ID	DWR_NA0017_16_s_2012_95				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	20.83	Rating **	N	Issue No.	84
LM End	20.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980085 °	37.980085 °
				-121.320448 °	-121.320448 °
DWR ID	DWR_NA0017_16_s_2012_84				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	21.05	Rating **	A/W	Issue No.	317
LM End	21.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Foot Traffic			37.980824 °	37.980824 °
				-121.324403 °	-121.324403 °
DWR ID	DWR_NA0017_16_s_2022_317				
Comment Code					
E3 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	21.31	Rating **	M	Issue No.	334
LM End	21.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980786 °	37.980786 °
				-121.328780 °	-121.328780 °
DWR ID	DWR_NA0017_16_f_2022_334				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	21.36	Rating **	M	Issue No.	335
LM End	21.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.980536 °	37.980536 °
				-121.329624 °	-121.329624 °
DWR ID	DWR_NA0017_16_f_2022_335				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	21.94	Rating **	A/W	Issue No.	62
LM End	21.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.979251 °	37.979251 °
				-121.340012 °	-121.340012 °
DWR ID	DWR_NA0017_16_f_2020_62				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_62_20220919_00058.jpg



Erosion was found on the waterside slope of the levee 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.24	Rating **	N	Issue No.	6
LM End	22.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976650 °	37.976650 °
				-121.344212 °	-121.344212 °
DWR ID	DWR_NA0017_16_s_2016_6				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	22.39	Rating **	M	Issue No.	395
LM End	22.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.975013 °	37.975013 °
				-121.346101 °	-121.346101 °
DWR ID	23407				
Comment Code					
Inspector Comment					
DS_ID:23407 FS_ID:63488 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/01/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Utility not found/ observed in the field. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 5.1 feet below the crown. Siphon breaker on the waterside (WS) slope. Pump house on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 22.88)]. FS Date: 3/1/2021					

Photo 1 of 3 : UCIP_FA_2022_63488_93598.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.39	Rating **	M	Issue No.	395 (cont)
LM End	22.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.975013 °	37.975013 °
				-121.346101 °	-121.346101 °
DWR ID	23407				

Photo 2 of 3 : UCIP_FA_2022_63488_93599.jpg



LS View

LM Start	22.39	Rating **	M	Issue No.	395 (cont)
LM End	22.39	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_63488_93600.jpg



WS View

LM Start	22.47	Rating **	M	Issue No.	337
LM End	22.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974155 °	37.974155 °
				-121.347081 °	-121.347081 °
DWR ID	DWR_NA0017_16_f_2022_337				
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.51	Rating **	M	Issue No.	338
LM End	22.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.973750 °	37.973750 °
				-121.347564 °	-121.347564 °
DWR ID	DWR_NA0017_16_f_2022_338				
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

LM Start	22.53	Rating **	U	Issue No.	321
LM End	22.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.973598 °	37.973524 °
				-121.347830 °	-121.347958 °
DWR ID	DWR_NA0017_16_s_2022_321				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_321_20220919_00097.jpg



View of Arundo within the waterside slope. Spring 2022

LM Start	22.56	Rating **	U	Issue No.	322
LM End	22.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.973388 °	37.973388 °
				-121.348259 °	-121.348259 °
DWR ID	DWR_NA0017_16_s_2022_322				
Comment Code					
V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2022_NA0017_160_322_20220919_00098.jpg



View of Arundo within 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.87	Rating **	M	Issue No.	396
LM End	22.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.969751 °	37.969751 °
				-121.351172 °	-121.351172 °
DWR ID	23409				
Comment Code					
Inspector Comment					
DS_ID:23409 FS_ID:63483 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/01/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No issues observed during inspection. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI) FIELD_STRUCT_DESC: 1 of 2: 18-inch steel drainage pipe through the levee, 4.3 feet below the crown. Siphon breaker on the waterside (WS) slope. Pump house near the landside (LS) toe. (Reclamation District No. 1618). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 23.36)]. FS Date: 3/1/2021					

LM Start	22.87	Rating **	M	Issue No.	396 (cont)
LM End	22.87	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_63483_93577.jpg



Crown Overview

Photo 2 of 3 : UCIP_FA_2022_63483_93578.jpg



LS View: Pipe and pumphouse 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.87	Rating **	M	Issue No.	396 (cont)
LM End	22.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.969751 °	37.969751 °
				-121.351172 °	-121.351172 °
DWR ID	23409				

Photo 3 of 3 : UCIP_FA_2022_63483_93579.jpg



LS View: Pipe and pumphouse at LS slope and toe.

LM Start	22.87	Rating **	M	Issue No.	397
LM End	22.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.969747 °	37.969747 °
				-121.351190 °	-121.351190 °
DWR ID	23503				

Comment Code

Inspector Comment

DS_ID:23503
 FS_ID:63482
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 03/01/2021 Record was updated from No Action Needed to Non-Urgent. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. No issues observed during inspection. The UCIP inspection was completed with LMA representative, H. Latu. (N. Cholewinski - GEI)
 FIELD_STRUCT_DESC: 2 of 2: 20-inch steel drainage pipe through the levee, 3 feet below the crown. Siphon breaker on the waterside (WS) slope. Pump house near the landside (LS) toe. (Reclamation District No. 1618). [Additional Reference(s): DWR Levee Log, 1992. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 23.36)].
 FS Date: 3/1/2021

Photo 1 of 3 : UCIP_FA_2022_63482_93572.jpg



Crown Overview

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/12/2022 10/12/2022	Alberto De Leon

LM Start	22.87	Rating **	M	Issue No.	397 (cont)
LM End	22.87	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.969747 °	37.969747 °
				-121.351190 °	-121.351190 °
DWR ID	23503				

Photo 2 of 3 : UCIP_FA_2022_63482_93574.jpg



LS View: Pipe and pumphouse at LS toe.

LM Start	22.87	Rating **	M	Issue No.	397 (cont)
LM End	22.87	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_63482_93575.jpg



LS View: Pipe and pumphouse at LS slope and toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	10/12/2022 10/12/2022	Alberto De Leon

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.00	Rating **	M	Issue No.	12	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.957544 °	37.957544 °	
				-121.148476 °	-121.148476 °	
DWR ID	18542					
Comment Code						
Inspector Comment						
DS_ID:18542 FS_ID:66204 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/29/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. This appears to be a double of DSID 23592 as the specifications are identical, needs confirmation. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted intake and outlet. [Additional Reference(s): DWR Levee Log, 1992, 36-inch pipe listed. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 0.00)]. FS Date: 4/29/2021						

LM Start	0.00	Rating **	M	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2022_66204_98503.jpg



Levee crown looking upstream.

Photo 2 of 2 : UCIP_FA_2022_66204_98504.jpg



LS view: Toe from crown, pipe 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.00	Rating **	M	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.957538 °	37.957538 °
				-121.148502 °	-121.148502 °
DWR ID	23952				
Comment Code					
Inspector Comment					
DS_ID:23952 FS_ID:67115 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 04/29/2021 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 LMA representative, J. Nelson. (H. Dunn – GEI) 04/04/2014 Looks well maintained crossing. (P. Mahesh - DWR UCIP) FIELD_STRUCT_DESC: 30-inch CM pipe through the levee 6.0 feet below the crown. Concrete "U" headwalls on both ends. Flap gate on the waterward end. Grouted intake and outlet. O&M manual SJR 611.1 Vol. F- revised in 2010. FS Date: 4/29/2021					

Photo 1 of 3 : UCIP_FA_2022_67115_99067.jpg



Levee crown looking upstream.

LM Start	0.00	Rating **	M	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_67115_98740.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.00	Rating **	M	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.957538 °	37.957538 °	
			-121.148502 °	-121.148502 °	
DWR ID	23952				

Photo 3 of 3 : UCIP_FA_2022_67115_98741.jpg



LS view: Close up of pipe inlet.

LM Start	0.08	Rating **	M	Issue No.	11
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.957513 °	37.957513 °
				-121.149988 °	-121.149988 °
DWR ID	DWR_NA0017_18_f_2022_11				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
There is a 40 foot crack approximately 2 inches wide by 4 inches deep along the landside slope.					

Photo 1 of 1 : FA_2022_NA0017_162_11_20221024_00024.jpg



View of soil separation along 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.28	Rating **	U	Issue No.	14
LM End	0.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.958658 °	37.958658 °
				-121.153090 °	-121.153090 °
DWR ID	18541				
Comment Code					
Inspector Comment					
DS_ID:18541 FS_ID:67111 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3a, Flood Risk Crossing Status: Found UCIP Comments: 04/29/2021 The record has been upgraded from No Action Needed to Urgent. There is a new plastic irrigation pipe going through this metal pipe that prevents the flapgate from closing. Pipe needs to be removed before flood season so flapgate can close. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) 04/04/2014 Long flood wall along the levee. (P. Mahesh - DWR UCIP) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall on both ends. Flap gate on the waterside (WS) end. Grouted inlet and outlet. [Additional Reference(s): DWR Levee Log, 1992, 36-inch pipe listed. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 0.28)]. FS Date: 4/29/2021					

LM Start	0.28	Rating **	U	Issue No.	14 (cont)
LM End	0.28	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2022_67111_98748.jpg



Levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2022_67111_98750.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.28	Rating **	U	Issue No.	14 (cont)
LM End	0.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.958658 °	37.958658 °
				-121.153090 °	-121.153090 °
DWR ID	18541				

Photo 3 of 3 : UCIP_FA_2022_67111_98751.jpg



LS view: Slope and headwall at toe. Irrigation pipe going through inlet.

LM Start	0.30	Rating **	M	Issue No.	10
LM End	0.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.958639 °	37.959066 °
				-121.153351 °	-121.157481 °
DWR ID	DWR_NA0017_18_f_2022_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.53	Rating **	M	Issue No.	15	
LM End	0.53	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			37.959096 °		37.959096 °
				-121.157536 °		-121.157536 °
DWR ID	23954					
Comment Code						
Inspector Comment						
DS_ID:23954 FS_ID:66338 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 04/29/2021 The record has been upgraded from No Action Needed to Non-Urgent. Pipe not found by visual inspection. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI) FIELD_STRUCT_DESC: 30-inch pipe through the levee; concrete headwalls on both sides of the levee. O&M manual SJR 611.1 Vol. F-revised in 2010. FS Date: 4/29/2021						

Photo 1 of 3 : UCIP_FA_2022_66338_98760.jpg



Levee crown looking downstream.

LM Start	0.53	Rating **	M	Issue No.	15 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2022_66338_98761.jpg



LS view: Toe from 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.53	Rating **	M	Issue No.	15 (cont)
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.959096 °	37.959096 °	
			-121.157536 °	-121.157536 °	
DWR ID	23954				

Photo 3 of 3 : UCIP_FA_2022_66338_98762.jpg



WS view: Toe from crown, no pipe visible.

LM Start	0.53	Rating **	U	Issue No.	16
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.959117 °	37.959117 °	
			-121.157567 °	-121.157567 °	
DWR ID	18539				

Comment Code

Inspector Comment

DS_ID:18539
 FS_ID:67112
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue: 1, Pipe Integrity
 Crossing Status: Found
 UCIP Comments: 04/29/2021 Record has been upgraded from No Action Needed to Urgent. DWR 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. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with LMA representative, J. Nelson. (H. Dunn – GEI)04/04/2014 May need cleaning the pipe. (P. Mahesh - DWR UCIP)
 FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Grouted inlet and outlet. [Additional Reference(s): DWR Levee Log, 1992, 36-inch pipe listed. USACE San Joaquin O&M Manual 611.1, Volume F, (HLM 0.54)].
 FS Date: 4/29/2021

Photo 1 of 3 : UCIP_FA_2022_67112_98763.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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022

San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.91	10/12/2022 10/12/2022	Alberto De Leon

LM Start	0.53	Rating **	U	Issue No.	16 (cont)
LM End	0.53	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.959117 °	37.959117 °
				-121.157567 °	-121.157567 °
DWR ID	18539				

Photo 2 of 3 : UCIP_FA_2022_67112_98764.jpg



LS view: Headwall visible at toe from crown.

LM Start	0.53	Rating **	U	Issue No.	16 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2022_67112_98765.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
--	--	---	---