

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	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					
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					
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					
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
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Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.19	Rating **	A/W	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:32744						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 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. 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 feet below the crown. Pipe goes over the top of the channel on a wood structure. One air vent on the waterside (WS) and another across the channel. Water filter plant on the landside (LS). [Additional Reference(s): DWR Levee Log, 1977, listed as a 14-inch pipe. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 131+25 ""S""), listed as a 24-inch corrugated metal pipe (CMP) with a flap gate].						
FS Date: 3/25/2014						

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

Photo 1 of 3 : UCIP_FA_2020_32744_59245.jpg



WS view: two steel pipes through the levee and over Little John's Creek on wooden structure.

Photo 2 of 3 : UCIP_FA_2020_32744_59244.jpg



WS view: 8-inch steel pipe (right) and 12-inch steel pipe (left) over Little John's Creek on wooden structure.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.56	Rating **	C	Issue No.	18
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877000 °	37.877000 °
				-121.238868 °	-121.238868 °
DWR ID	DWR_NA0017_01_s _ 2020_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.57	Rating **	C	Issue No.	15
LM End	0.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.877084 °	37.877084 °
				-121.239165 °	-121.239165 °
DWR ID	DWR_NA0017_01_s _ 2020_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.74	Rating **	U	Issue No.	200
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:53494 EP_NO: N/A Repair Type: Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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 through the levee, 4.2 feet below the crown. Slide gate on the waterside (WS) end, not found on 10/18/2018. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 98+65)]. FS Date: 11/2/2018 2:54:00 PM					

Photo 1 of 3 : UCIP_FA_2020_53494_59248.jpg



WS view: CMP outlet with slide gate on the WS slope.

LM Start	0.74	Rating **	U	Issue No.	200 (cont)
LM End	0.74	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53494_59247.jpg



LS view: deformed CMP inlet on a drainage ditch.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.79	Rating **	A/W	Issue No.	201 (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 2 of 3 : UCIP_FA_2020_53461_59185.jpg



WS view: CMP drain pipes with flap gates on ditch.

LM Start	0.79	Rating **	A/W	Issue No.	201 (cont)
LM End	0.79	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_53461_59184.jpg



WS view: closer view of CMP drain pipes with flap gates on ditch. Right flap gate was blocked by soil/mud.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.79	Rating **	A/W	Issue No.	202
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				
Comment Code					
Inspector Comment					
DS_ID:23995 FS_ID:53130 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 11/02/2018 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 through the levee, 6.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963 (Station 94+40)]. FS Date: 11/2/2018 3:30:16 PM					

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

Photo 1 of 3 : UCIP_FA_2020_53130_59191.jpg



WS view: CMP drain pipes with flap gates on ditch.

Photo 2 of 3 : UCIP_FA_2020_53130_59190.jpg



WS view: closer view of CMP drain pipes with flap gates on ditch. Right flap gate was blocked by soil/mud.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.79	Rating **	A/W	Issue No.	202 (cont)
LM End	0.79	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		37.878494 °	37.878494 °	
			-121.242392 °	-121.242392 °	
DWR ID	23995				

Photo 3 of 3 : UCIP_FA_2020_53130_59189.jpg



LS view: CMP inlet pipes on levee slope. Debris and mud on inlet ditch and inside the pipe.

LM Start	1.02	Rating **	A/W	Issue No.	203
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:53459
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 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 through the levee, 11 feet below the crown. Flap gate on the waterside (WS). [Additional Reference(s): USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 83+00)].
 FS Date: 11/2/2018 2:31:00 PM

Photo 1 of 3 : UCIP_FA_2020_53459_59251.jpg



Enter photo 1 description or comment here.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.02	Rating **	A/W	Issue No.	203 (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 2 of 3 : UCIP_FA_2020_53459_59250.jpg



LS view: CMP inlet pipe on levee slope. Vegetation debris and mud on inlet ditch.

LM Start	1.02	Rating **	A/W	Issue No.	203 (cont)
LM End	1.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_53459_59249.jpg



LS view: inside view of CM inlet pipe. Needs cleaning and clearing the culvert.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.18	Rating **	M	Issue No.	204	
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:53458 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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 through the levee, 4.1 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 76+60)]. FS Date: 11/2/2018 2:22:00 PM						

LM Start	1.18	Rating **	M	Issue No.	204 (cont)
LM End	1.18	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_53458_59254.jpg



WS view: CM drain pipe with flap gate on levee slope. Dirt spillway to the creek.

Photo 2 of 3 : UCIP_FA_2020_53458_59253.jpg



WS view: closer view of CM drain pipe with flap gate on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.18	Rating **	M	Issue No.	204 (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_2020_53458_59252.jpg



LS view: deformed CM inlet pipe on levee slope. Debris and mud on inlet ditch.

LM Start	1.36	Rating **	C	Issue No.	17
LM End	1.36	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.881392 °	37.881392 °
				-121.249803 °	-121.249803 °
DWR ID	DWR_NA0017_01_s_2020_17				
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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.53	Rating **	A/W	Issue No.	206	
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:53462 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 through the levee, 5 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. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 4+00)]. FS Date: 11/2/2018 3:43:00 PM						

LM Start	2.53	Rating **	A/W	Issue No.	206 (cont)
LM End	2.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_53462_59121.jpg



WS view: outlet box, CMP with flapgate (bottom), and concrete outfall pipe (Top).

Photo 2 of 3 : UCIP_FA_2020_53462_59120.jpg



WS view: outlet pipe with flap gate. Grouted riprap on spillway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Littlejohn Creek	Left	2.59	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.53	Rating **	A/W	Issue No.	206 (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 3 of 3 : UCIP_FA_2020_53462_59122.jpg



WS view: concrete outfall pipe on creek 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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.50	Rating **	A/W	Issue No.	21
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:53457 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 148+18N)]. FS Date: 11/2/2018 2:16:00 PM					

Photo 1 of 3 : UCIP_FA_2020_53457_59931.jpg



WS view: CM drain pipe with flap gate on creek bank.

LM Start	0.50	Rating **	A/W	Issue No.	21 (cont)
LM End	0.50	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53457_59930.jpg



LS view: CM inlet pipe on levee slope. Mud on inlet ditch and pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.20	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.06	Rating **	A/W	Issue No.	22	
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:53453 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 drainage pipe through the levee, 6.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1977. USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 114+50)]. FS Date: 11/2/2018 11:37:00 AM						

LM Start	1.06	Rating **	A/W	Issue No.	22 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_53453_59937.jpg



WS view: CM drain pipe with plate gate on levee slope.

Photo 2 of 3 : UCIP_FA_2020_53453_59936.jpg



WS view: closer view of plate gate on the CM pipe end.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.47	Rating **	A/W	Issue No.	25	
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:53455 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 drainage pipe with flap gate through the levee, at an unknown depth. [Additional Reference(s): USACE San Joaquin O&M Manual 613C, Volume 15, May 1963, (Station 93+00)]. FS Date: 11/2/2018 1:46:00 PM						

Photo 1 of 3 : UCIP_FA_2020_53455_59947.jpg



WS view: CM drain pipe with flap gate on levee slope.

LM Start	1.47	Rating **	A/W	Issue No.	25 (cont)
LM End	1.47	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53455_59946.jpg



LS view: CM drain pipe on drainage ditch. Mud and vegetation debris on the pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.48	Rating **	A/W	Issue No.	26 (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 2 of 3 : UCIP_FA_2020_53452_59951.jpg



WS view: closer view of galvanized iron plate slide gate on HDPE pipe end.

LM Start	1.48	Rating **	A/W	Issue No.	26 (cont)
LM End	1.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_53452_78388.jpg



Outlet cleared of dirt and vegetation by the LMA.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.10	Rating **	N	Issue No.	4
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.979219 °	37.979219 °
				-121.097129 °	-121.097129 °
DWR ID	DWR_NA0017_06_s_2016_4				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.34	Rating **	M	Issue No.	2
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979252 °	37.979307 °
				-121.092743 °	-121.090486 °
DWR ID	DWR_NA0017_06_f_2020_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_150_2_20201022_00004.jpg



Typical view of vegetation on waterside slope. Fall 2020

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	0.42	Rating **	M	Issue No.	127
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.043575 °	38.043574 °	
			-121.366035 °	-121.365654 °	
DWR ID	DWR_NA0017_07_f_2020_127				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.46	Rating **	M	Issue No.	128
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.043565 °	38.043565 °	
			-121.365300 °	-121.365300 °	
DWR ID	DWR_NA0017_07_f_2020_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.46	Rating **	M	Issue No.	129
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.043565 °	38.043552 °	
			-121.365175 °	-121.364557 °	
DWR ID	DWR_NA0017_07_f_2020_129				
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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1054	
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:38092						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 1 of 6: 12-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014						

Photo 1 of 2 : UCIP_FA_2020_38092_69303.jpg



Pipe and flapgate visible on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1054 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38092_69302.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1055	
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:38093						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 2 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014						

Photo 1 of 2 : UCIP_FA_2020_38093_69305.jpg



Pipe and flapgate visible on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1055 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38093_69304.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1056	
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:38086						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 3 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014						

Photo 1 of 2 : UCIP_FA_2020_38086_69291.jpg



Pipe and flapgate visible on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1056 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38086_69290.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1057
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:38089					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 4 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014					

Photo 1 of 2 : UCIP_FA_2020_38089_69297.jpg



Pipe and flapgate visible on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1057 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38089_69296.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1058
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:38088					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 5 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014					

Photo 1 of 2 : UCIP_FA_2020_38088_69295.jpg



Pipe and flapgate on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1058 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38088_69294.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.33	Rating **	A/W	Issue No.	1059
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:38087					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: [Thornton Road Pump Station] 6 of 6: 36-inch wrapped steel storm drainage pipe through the levee, approximately 3 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: 5/20/2014					

Photo 1 of 2 : UCIP_FA_2020_38087_69293.jpg



Pipe and flapgate on WS slope.

LM Start	1.33	Rating **	A/W	Issue No.	1059 (cont)
LM End	1.33	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_38087_69292.jpg



Pump over sump off LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.41	Rating **	M	Issue No.	133
LM End	1.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.043311 °	38.043311 °	
			-121.347722 °	-121.347722 °	
DWR ID	DWR_NA0017_07_s_2020_133				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	1.46	Rating **	M	Issue No.	156
LM End	1.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.043289 °	38.043289 °	
			-121.346841 °	-121.346841 °	
DWR ID	DWR_NA0017_07_f_2019_156				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.55	Rating **	C	Issue No.	141
LM End	1.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.043300 °	38.043300 °	
			-121.345242 °	-121.345242 °	
DWR ID	DWR_NA0017_07_f_2017_141				
Comment Code					
DE : Debris					
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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	1.79	Rating **	M	Issue No.	151
LM End	1.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.043251 °	38.043251 °	
			-121.340768 °	-121.340768 °	
DWR ID	DWR_NA0017_07_f_2020_151				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.88	Rating **	C	Issue No.	202
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.043268 °	38.043268 °	
			-121.339178 °	-121.339178 °	
DWR ID	DWR_NA0017_07_s_2020_202				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.95	Rating **	C	Issue No.	203
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.043247 °	38.043247 °	
			-121.337971 °	-121.337971 °	
DWR ID	DWR_NA0017_07_s_2020_203				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.13	Rating **	U	Issue No.	155
LM End	2.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043209 °	38.043209 °
				-121.334599 °	-121.334599 °
DWR ID	DWR_NA0017_07_f_2020_155				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_151_155_20201019_00332.jpg



View of heavy vegetation within the landside easement. Fall 2020

LM Start	2.22	Rating **	M	Issue No.	166
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.043199 °	38.043199 °
				-121.332917 °	-121.332917 °
DWR ID	DWR_NA0017_07_f_2019_166				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.31	Rating **	A/W	Issue No.	1065	
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:38024 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 across the berm. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.59)]. FS Date: 5/20/2014						

Photo 1 of 3 : UCIP_FA_2020_38024_69205.jpg



Headwall and flapgate on WS toe.

LM Start	2.31	Rating **	A/W	Issue No.	1065 (cont)
LM End	2.31	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38024_69204.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.31	Rating **	A/W	Issue No.	1065 (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_2020_38024_69203.jpg



Headwall at LS toe.

LM Start	2.62	Rating **	M	Issue No.	163
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.043154 °	38.043161 °
				-121.325697 °	-121.324737 °
DWR ID	DWR_NA0017_07_f_2020_163				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.64	Rating **	A/W	Issue No.	1066	
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:38006 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.82)]. FS Date: 5/20/2014						

Photo 1 of 3 : UCIP_FA_2020_38006_69190.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	2.64	Rating **	A/W	Issue No.	1066 (cont)
LM End	2.64	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38006_69189.jpg



Headwall at inlet on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.64	Rating **	A/W	Issue No.	1066 (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_2020_38006_69188.jpg



Headwall and flapgate at WS toe.

LM Start	2.80	Rating **	A/W	Issue No.	1067
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:38004
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.09)].
 FS Date: 5/20/2014

Photo 1 of 3 : UCIP_FA_2020_38004_69184.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.80	Rating **	A/W	Issue No.	1067 (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_2020_38004_69183.jpg



Headwall at LS toe.

LM Start	2.80	Rating **	A/W	Issue No.	1067 (cont)
LM End	2.80	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38004_69182.jpg



Headwall at 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.83	Rating **	A/W	Issue No.	1068	
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:37999						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37999_69164.jpg



Headwall at LS toe.

LM Start	2.83	Rating **	A/W	Issue No.	1068 (cont)
LM End	2.83	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37999_69163.jpg



Inside pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	2.83	Rating **	A/W	Issue No.	1068 (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_2020_37999_69162.jpg



Headwall and flapgate at WS toe.

LM Start	3.06	Rating **	A/W	Issue No.	1069
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:37998
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.36)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37998_69160.jpg



Headwall on LS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.06	Rating **	A/W	Issue No.	1069 (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 2 of 3 : UCIP_FA_2020_37998_69159.jpg



Headwall and flapgate on WS toe.

LM Start	3.06	Rating **	A/W	Issue No.	1069 (cont)
LM End	3.06	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37998_69158.jpg



Headwall on LS 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.27	Rating **	A/W	Issue No.	1071	
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:37991 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.58)]. FS Date: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37991_69144.jpg



Headwall at LS toe.

LM Start	3.27	Rating **	A/W	Issue No.	1071 (cont)
LM End	3.27	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37991_69143.jpg



Headwall and flapgate at WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.27	Rating **	A/W	Issue No.	1071 (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_2020_37991_69142.jpg



Headwall at LS toe.

LM Start	3.49	Rating **	A/W	Issue No.	1072
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:37988
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.81)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37988_69139.jpg



Headwall and slidegate on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.49	Rating **	A/W	Issue No.	1072 (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 2 of 3 : UCIP_FA_2020_37988_69138.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	3.49	Rating **	A/W	Issue No.	1072 (cont)
LM End	3.49	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37988_69137.jpg



Headwall and slidegate on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.78	Rating **	A/W	Issue No.	1073	
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:37984						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/15/2014						

LM Start	3.78	Rating **	A/W	Issue No.	1073 (cont)
LM End	3.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37984_69129.jpg



Slidegate at headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37984_69128.jpg



Headwall and flapgate at WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	3.78	Rating **	A/W	Issue No.	1073 (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_2020_37984_69127.jpg



Slidegate at headwall on LS toe.

LM Start	4.05	Rating **	A/W	Issue No.	1074
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:37982
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 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, 1987. 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: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37982_69125.jpg



Headwall at 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.05	Rating **	A/W	Issue No.	1074 (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_2020_37982_69124.jpg



Headwall at LS toe.

LM Start	4.05	Rating **	A/W	Issue No.	1074 (cont)
LM End	4.05	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37982_69123.jpg



Inside pipe at 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
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**Flood Control Project Maintenance
Levee Inspections**

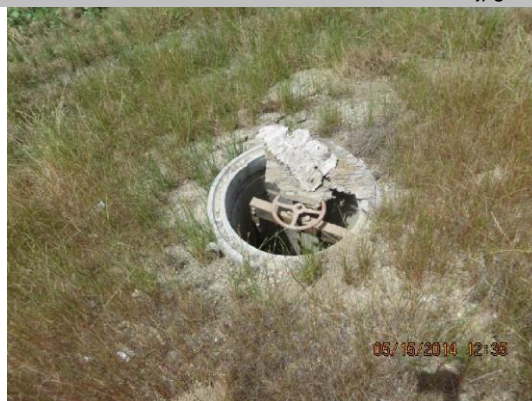
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.29	Rating **	A/W	Issue No.	1075	
LM End	4.29	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.044651 °	38.044651 °	
				-121.295592 °	-121.295592 °	
DWR ID	23536					
Comment Code						
Inspector Comment						
DS_ID:23536 FS_ID:37981 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal pipe siphon through the levee, 10.4 feet below the crown. Slide gate in 36-inch corrugated metal 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. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37981_69122.jpg



Slidegate in concrete riser on LS slope.

LM Start	4.29	Rating **	A/W	Issue No.	1075 (cont)
LM End	4.29	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37981_69121.jpg



Slidegate in CMP riser on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.29	Rating **	A/W	Issue No.	1075 (cont)
LM End	4.29	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.044651 °	38.044651 °	
			-121.295592 °	-121.295592 °	
DWR ID	23536				

Photo 3 of 3 : UCIP_FA_2020_37981_69120.jpg



Adjoining CMP riser on opposite bank.

LM Start	4.33	Rating **	A/W	Issue No.	1077
LM End	4.33	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		38.044917 °	38.044917 °	
			-121.295062 °	-121.295062 °	
DWR ID	23538				

Comment Code

Inspector Comment

DS_ID:23538
 FS_ID:37973
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 4.66)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37973_69105.jpg



Headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.33	Rating **	A/W	Issue No.	1077 (cont)
LM End	4.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.044917 °	38.044917 °
				-121.295062 °	-121.295062 °
DWR ID	23538				

Photo 2 of 3 : UCIP_FA_2020_37973_69104.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	4.33	Rating **	A/W	Issue No.	1077 (cont)
LM End	4.33	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37973_69103.jpg



Headwall on LS toe.

LM Start	4.35	Rating **	M	Issue No.	169
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.045204 °	38.049847 °
				-121.294856 °	-121.289379 °
DWR ID	DWR_NA0017_07_f_2020_169				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.54	Rating **	A/W	Issue No.	1078	
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:37967 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37967_69085.jpg



Concrete standpipe on LS toe.

LM Start	4.54	Rating **	A/W	Issue No.	1078 (cont)
LM End	4.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37967_69084.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.54	Rating **	A/W	Issue No.	1078 (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_2020_37967_69083.jpg



Headwall and flapgate on WS toe.

LM Start	4.93	Rating **	M	Issue No.	172
LM End	4.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.050186 °	38.050186 °
				-121.287173 °	-121.287173 °
DWR ID	DWR_NA0017_07_f_2020_172				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_151_172_20201019_00338.jpg



View of soil separation along the landside shoulder. Fall 2020

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.97	Rating **	A/W	Issue No.	1080	
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:37957 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm drainage pipe 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. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37957_69055.jpg



Headwall on LS toe.

LM Start	4.97	Rating **	A/W	Issue No.	1080 (cont)
LM End	4.97	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37957_69054.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.97	Rating **	A/W	Issue No.	1080 (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_2020_37957_69053.jpg



Headwall on LS toe.

LM Start	4.97	Rating **	M	Issue No.	1081
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:41807
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Some silt buildup in pipe.
 FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.33)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_41807_69050.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	4.97	Rating **	M	Issue No.	1081 (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_2020_41807_69049.jpg



Headwall and flapgate on WS toe.

LM Start	4.97	Rating **	M	Issue No.	1081 (cont)
LM End	4.97	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41807_69048.jpg



Headwall at 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.50	Rating **	A/W	Issue No.	1082	
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:37885 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe 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. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37885_68913.jpg



Pipe in channel on LS toe.

LM Start	5.50	Rating **	A/W	Issue No.	1082 (cont)
LM End	5.50	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37885_68912.jpg



Pipe in channel on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.50	Rating **	A/W	Issue No.	1082 (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_2020_37885_68911.jpg



Flapgate and headwall at WS toe.

LM Start	5.52	Rating **	M	Issue No.	1084
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				

Comment Code

Inspector Comment

DS_ID:23545
 FS_ID:41801
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Some sediment buildup inside pipe.
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.90)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_41801_68902.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.52	Rating **	M	Issue No.	1084 (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_2020_41801_68901.jpg



Headwall on LS toe.

LM Start	5.52	Rating **	M	Issue No.	1084 (cont)
LM End	5.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41801_68900.jpg



Headwall on LS toe.

LM Start	5.53	Rating **	M	Issue No.	174
LM End	5.53	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.052786 °	38.052786 °
				-121.277066 °	-121.277066 °
DWR ID	DWR_NA0017_07_f_2020_174				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.60	Rating **	M	Issue No.	1085	
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:40213 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Inlet burried at LS toe. Pipe may be abandoned and if so should be done so properly. FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 5.97)]. FS Date: 5/15/2014						

Photo 1 of 2 : UCIP_FA_2020_40213_68899.jpg



Headwall and flapgate at WS toe.

LM Start	5.60	Rating **	M	Issue No.	1085 (cont)
LM End	5.60	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_40213_68898.jpg



Headwall and flapgate at WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.82	Rating **	A/W	Issue No.	1087	
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:37874 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.20)]. FS Date: 5/15/2014						

LM Start	5.82	Rating **	A/W	Issue No.	1087 (cont)
LM End	5.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37874_68894.jpg



Headwall, flapgate, and grouted spillway on WS toe.

Photo 2 of 3 : UCIP_FA_2020_37874_68893.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.82	Rating **	A/W	Issue No.	1087 (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 3 of 3 : UCIP_FA_2020_37874_68897.jpg



Inside pipe at LS toe. Note sediment buildup.

LM Start	5.85	Rating **	M	Issue No.	175
LM End	5.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.053583 °	38.053583 °
				-121.271278 °	-121.271278 °
DWR ID	DWR_NA0017_07_f_2020_175				
Comment Code					
S3 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	5.93	Rating **	M	Issue No.	1088	
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:41802						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Sediment buildup in pipe at LS toe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm 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. Grouted intake on the landside (LS). Cobble grouted spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_41802_68885.jpg



Headwall and flapgate on WS toe.

LM Start	5.93	Rating **	M	Issue No.	1088 (cont)
LM End	5.93	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41802_68884.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
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San Joaquin County Flood Control and Water Conservation District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.11	Rating **	A/W	Issue No.	1089 (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 2 of 3 : UCIP_FA_2020_40208_68880.jpg



Flapgate and headwall on WS toe.

LM Start	6.11	Rating **	A/W	Issue No.	1089 (cont)
LM End	6.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_40208_68879.jpg



Slide gate on headwall at 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.13	Rating **	A/W	Issue No.	1090	
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:37852 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.53)]. FS Date: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37852_68873.jpg



Headwall on LS toe.

LM Start	6.13	Rating **	A/W	Issue No.	1090 (cont)
LM End	6.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37852_68872.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.13	Rating **	A/W	Issue No.	1090 (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 3 of 3 : UCIP_FA_2020_37852_68871.jpg



Headwall on LS toe.

LM Start	6.44	Rating **	A/W	Issue No.	1091
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:37849
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.85)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37849_68868.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.44	Rating **	A/W	Issue No.	1091 (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 2 of 3 : UCIP_FA_2020_37849_68867.jpg



Pipe and headwall on LS toe.

LM Start	6.44	Rating **	A/W	Issue No.	1091 (cont)
LM End	6.44	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37849_68866.jpg



Inside pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.62	Rating **	A/W	Issue No.	1094	
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:37847 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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 WID headwall on the WS. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37847_68860.jpg



Pipe and headwall on LS toe.

LM Start	6.62	Rating **	A/W	Issue No.	1094 (cont)
LM End	6.62	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37847_68859.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.62	Rating **	A/W	Issue No.	1094 (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_2020_37847_68858.jpg



Inside pipe on LS toe.

LM Start	6.76	Rating **	A/W	Issue No.	1096
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:40207
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 7.14) 8-inch pipe listed].
 FS Date: 5/15/2014

Photo 1 of 1 : UCIP_FA_2020_40207_68857.jpg



Pipe, headwall, and flapgate on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.82	Rating **	A/W	Issue No.	1097	
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:37844 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch concrete drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.21)]. FS Date: 5/15/2014						

LM Start	6.82	Rating **	A/W	Issue No.	1097 (cont)
LM End	6.82	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37844_68853.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37844_68852.jpg



Slide gate in a 72-inch concrete riser on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.82	Rating **	A/W	Issue No.	1097 (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 3 of 3 : UCIP_FA_2020_37844_68851.jpg



Pipe and headwall on LS toe.

LM Start	6.95	Rating **	A/W	Issue No.	1098
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:37842
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 8 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. 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: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37842_68848.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	6.95	Rating **	A/W	Issue No.	1098 (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_2020_37842_68847.jpg



Pipe and headwall on LS toe.

LM Start	6.95	Rating **	A/W	Issue No.	1098 (cont)
LM End	6.95	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37842_68846.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.11	Rating **	A/W	Issue No.	1099	
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:37841 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwalls on both ends. Flap gate on the waterside (WS) end. Cobble grouted spillway across berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/15/2014						

Photo 1 of 3 : UCIP_FA_2020_37841_68843.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	7.11	Rating **	A/W	Issue No.	1099 (cont)
LM End	7.11	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37841_68842.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.11	Rating **	A/W	Issue No.	1099 (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_2020_37841_68841.jpg



Pipe and headwall at LS toe.

LM Start	7.31	Rating **	A/W	Issue No.	1100
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:37840
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.72)].
 FS Date: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37840_68838.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.31	Rating **	A/W	Issue No.	1100 (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 2 of 3 : UCIP_FA_2020_37840_68837.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	7.31	Rating **	A/W	Issue No.	1100 (cont)
LM End	7.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37840_68836.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.35	Rating **	A/W	Issue No.	1101	
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:37839 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 7.75)]. FS Date: 5/15/2014						

LM Start	7.35	Rating **	A/W	Issue No.	1101 (cont)
LM End	7.35	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37839_68833.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

Photo 2 of 3 : UCIP_FA_2020_37839_68832.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.35	Rating **	A/W	Issue No.	1101 (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 3 of 3 : UCIP_FA_2020_37839_68831.jpg



Pipe and headwall on LS toe.

LM Start	7.36	Rating **	A/W	Issue No.	1102
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:37838
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/15/2014

Photo 1 of 3 : UCIP_FA_2020_37838_68828.jpg



Pipe and headwall 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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.36	Rating **	A/W	Issue No.	1102 (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 2 of 3 : UCIP_FA_2020_37838_68827.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	7.36	Rating **	A/W	Issue No.	1102 (cont)
LM End	7.36	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37838_68826.jpg



Pipe and headwall on LS toe. Irrigation pipe laying inside pipe.

LM Start	7.36	Rating **	M	Issue No.	176
LM End	7.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.065131 °	38.067189 °
				-121.250428 °	-121.246561 °
DWR ID	DWR_NA0017_07_f_2020_176				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove vegetation within the landside easement.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.47	Rating **	C	Issue No.	188
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.065991 °	38.065991 °
				-121.248798 °	-121.248798 °
DWR ID	DWR_NA0017_07_f_2019_188				
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 **	A/W	Issue No.	1103
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:37837 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/15/2014					

Photo 1 of 3 : UCIP_FA_2020_37837_68823.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.58	Rating **	A/W	Issue No.	1103 (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_2020_37837_68822.jpg



Pipe and headwall on LS toe.

LM Start	7.58	Rating **	A/W	Issue No.	1103 (cont)
LM End	7.58	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37837_68821.jpg



Pipe and headwall on LS toe.

LM Start	7.67	Rating **	M	Issue No.	189
LM End	7.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.067402 °	38.067402 °
				-121.245553 °	-121.245553 °
DWR ID	DWR_NA0017_07_f_2019_189				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.69	Rating **	M	Issue No.	221
LM End	7.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.067439 °	38.067439 °
				-121.245231 °	-121.245231 °
DWR ID	DWR_NA0017_07_s _ 2020_221				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	7.71	Rating **	M	Issue No.	222
LM End	7.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.067451 °	38.067451 °
				-121.244876 °	-121.244876 °
DWR ID	DWR_NA0017_07_s _ 2020_222				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.73	Rating **	A/W	Issue No.	1104	
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:37835						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 8 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.15)].						
FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37835_68818.jpg



Pipe, flapgate, and headwall at WS toe.

LM Start	7.73	Rating **	A/W	Issue No.	1104 (cont)
LM End	7.73	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37835_68817.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.73	Rating **	A/W	Issue No.	1104 (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 3 of 3 : UCIP_FA_2020_37835_68816.jpg



Pipe and headwall at LS toe.

LM Start	7.85	Rating **	A/W	Issue No.	1105
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:37832
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 48-inch corrugated metal riser unit on the WS slope. Concrete U-shaped headwall on both ends. Cobble grouted spillway on bank. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.28)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37832_68813.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.85	Rating **	A/W	Issue No.	1105 (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 2 of 3 : UCIP_FA_2020_37832_68812.jpg



Slidegate in 48-inch CMP riser on WS slope.

LM Start	7.85	Rating **	A/W	Issue No.	1105 (cont)
LM End	7.85	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37832_68811.jpg



Pipe, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.86	Rating **	A/W	Issue No.	1106	
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:37831 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in 48-inch corrugated metal riser unit on the WS slope. Concrete U-shaped headwall on both ends. Cobble grouted spillway on bank. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.28)]. FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37831_68808.jpg



Pipe and headwall on LS toe.

LM Start	7.86	Rating **	A/W	Issue No.	1106 (cont)
LM End	7.86	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37831_68807.jpg



Slide gate in 48-inch CMP riser on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	7.86	Rating **	A/W	Issue No.	1106 (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 3 of 3 : UCIP_FA_2020_37831_68806.jpg



Pipe, flapgate, and headwall on WS slope.

LM Start	8.07	Rating **	A/W	Issue No.	1107
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:37830
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37830_68804.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.07	Rating **	A/W	Issue No.	1107 (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 2 of 3 : UCIP_FA_2020_37830_68803.jpg



Pipe and headwall on LS toe.

LM Start	8.07	Rating **	A/W	Issue No.	1107 (cont)
LM End	8.07	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37830_68802.jpg



Inside 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1108	
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:37826 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: A gap at the joint between pipe sections was noted inside pipe at LS toe. This may indicate a need for further maintenance. FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.77)]. FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37826_68796.jpg



Pipe and headwall on LS toe.

LM Start	8.34	Rating **	M	Issue No.	1108 (cont)
LM End	8.34	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37826_68795.jpg



Inside pipe at LS toe. Note gap at joint between pipes.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1108 (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 3 of 3 : UCIP_FA_2020_37826_68794.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

LM Start	8.34	Rating **	M	Issue No.	1109
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:37825
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Some gaps in Joints between pipe sections noted inside pipe on LS toe. May indicate a need for further maintenance.
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 8.78)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37825_68791.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.34	Rating **	M	Issue No.	1109 (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 2 of 3 : UCIP_FA_2020_37825_68790.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	8.34	Rating **	M	Issue No.	1109 (cont)
LM End	8.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37825_68789.jpg



Pipe, headwall, and flapgate on WS toe.

LM Start	8.40	Rating **	C	Issue No.	190
LM End	8.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.068188 °	38.068188 °
				-121.232396 °	-121.232396 °
DWR ID	DWR_NA0017_07_f_2019_190				
Comment Code					
S3 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.54	Rating **	A/W	Issue No.	1110	
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:37818 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble spillway across the berm. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/14/2014						

LM Start	8.54	Rating **	A/W	Issue No.	1110 (cont)
LM End	8.54	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37818_68761.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37818_68760.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.54	Rating **	A/W	Issue No.	1110 (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 3 of 3 : UCIP_FA_2020_37818_68759.jpg



Pipe and headwall on LS toe.

LM Start	8.70	Rating **	C	Issue No.	191
LM End	8.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.070083 °	38.070083 °
				-121.227359 °	-121.227359 °
DWR ID	DWR_NA0017_07_f_2019_191				
Comment Code					
S3 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.73	Rating **	A/W	Issue No.	1111	
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:40206						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Skunks in pipe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014						

LM Start	8.73	Rating **	A/W	Issue No.	1111 (cont)
LM End	8.73	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_40206_68756.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_40206_68755.jpg



Pipe, flapgate, and headwall on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.73	Rating **	A/W	Issue No.	1111 (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_2020_40206_68754.jpg



Pipe and headwall on LS toe.

LM Start	8.96	Rating **	A/W	Issue No.	1112
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:42951
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_42951_68751.jpg



Pipe and headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	8.96	Rating **	A/W	Issue No.	1112 (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 2 of 3 : UCIP_FA_2020_42951_68750.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

LM Start	8.96	Rating **	A/W	Issue No.	1112 (cont)
LM End	8.96	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_42951_68749.jpg



Pipe and headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.11	Rating **	A/W	Issue No.	1113	
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:37813						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on both ends. Cobble grouted spillway and apron. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37813_68747.jpg



Headwall and pipe at LS toe.

LM Start	9.11	Rating **	A/W	Issue No.	1113 (cont)
LM End	9.11	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37813_68746.jpg



Headwall, pipe, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.11	Rating **	A/W	Issue No.	1113 (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 3 of 3 : UCIP_FA_2020_37813_68745.jpg



Headwall and pipe at LS toe.

LM Start	9.45	Rating **	A/W	Issue No.	1114
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:37810
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 9.91)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37810_68742.jpg



Headwall and flapgate on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.45	Rating **	A/W	Issue No.	1114 (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 2 of 3 : UCIP_FA_2020_37810_68741.jpg



Pipe and headwall on LS toe.

LM Start	9.45	Rating **	A/W	Issue No.	1114 (cont)
LM End	9.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37810_68740.jpg



Pipe and headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.63	Rating **	A/W	Issue No.	1115	
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:37809 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 10 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. 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: 5/14/2014						

LM Start	9.63	Rating **	A/W	Issue No.	1115 (cont)
LM End	9.63	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37809_68738.jpg



Concrete headwall and pipe on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37809_68737.jpg



Headwall, pipe, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.63	Rating **	A/W	Issue No.	1115 (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 3 of 3 : UCIP_FA_2020_37809_68736.jpg



Inside pipe at LS toe.

LM Start	9.65	Rating **	A/W	Issue No.	1116
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:37807
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 6 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 10.11)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37807_68732.jpg



Headwall, pipe, flapgate, and grouted spillway on WS toe.

*** Location**

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

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.65	Rating **	A/W	Issue No.	1116 (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 2 of 3 : UCIP_FA_2020_37807_68731.jpg



Pipe and headwall on LS toe.

LM Start	9.65	Rating **	A/W	Issue No.	1116 (cont)
LM End	9.65	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37807_68730.jpg



Pipe and headwall on LS toe.

LM Start	9.71	Rating **	C	Issue No.	227
LM End	9.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074421 °	38.074421 °
				-121.210834 °	-121.210834 °
DWR ID	DWR_NA0017_07_s_2020_227				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.73	Rating **	N	Issue No.	45
LM End	9.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.074509 °	38.074509 °
				-121.210489 °	-121.210489 °
DWR ID	DWR_NA0017_07_s _ 2012_45				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	9.83	Rating **	C	Issue No.	140
LM End	9.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.075272 °	38.075272 °
				-121.208949 °	-121.208949 °
DWR ID	DWR_NA0017_07_s _ 2020_140				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	9.85	Rating **	C	Issue No.	229
LM End	9.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.075478 °	38.075478 °
				-121.208896 °	-121.208896 °
DWR ID	DWR_NA0017_07_s _ 2020_229				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.89	Rating **	C	Issue No.	230
LM End	9.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.076081 °	38.076081 °
				-121.208763 °	-121.208763 °
DWR ID	DWR_NA0017_07_s_2020_230				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	9.98	Rating **	M	Issue No.	1117	
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:41804						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Some silt buildup in pipe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_41804_68727.jpg



Headwall, pipe, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	9.98	Rating **	M	Issue No.	1117 (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 2 of 3 : UCIP_FA_2020_41804_68726.jpg



Pipe and headwall on LS toe.

LM Start	9.98	Rating **	M	Issue No.	1117 (cont)
LM End	9.98	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41804_68725.jpg



Pipe and headwall on LS toe.

LM Start	9.98	Rating **	C	Issue No.	164
LM End	9.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.077262 °	38.077262 °
				-121.208163 °	-121.208163 °
DWR ID	DWR_NA0017_07_s_2020_164				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.15	Rating **	A/W	Issue No.	1118	
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:37803 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 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: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37803_68722.jpg



Pipe and headwall on LS toe.

LM Start	10.15	Rating **	A/W	Issue No.	1118 (cont)
LM End	10.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37803_68721.jpg



Headwall, pipe, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.15	Rating **	A/W	Issue No.	1118 (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 3 of 3 : UCIP_FA_2020_37803_68720.jpg



Pipe and headwall on LS toe.

LM Start	10.43	Rating **	A/W	Issue No.	1119
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:37786
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS). Concrete U-shaped headwall on both ends. [Additional Reference(s): DWR Levee Log, 1987. 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: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37786_68701.jpg



Pipe, headwall, flapgate, and grouted spillway on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.43	Rating **	A/W	Issue No.	1119 (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 2 of 3 : UCIP_FA_2020_37786_68700.jpg



Pipe and headwall on LS toe.

LM Start	10.43	Rating **	A/W	Issue No.	1119 (cont)
LM End	10.43	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37786_68703.jpg



Inside pipe 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1120	
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:41805 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Silt buildup in pipe at LS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the WS end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.13)]. FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_41805_68682.jpg



Pipe and headwall on LS toe.

LM Start	10.65	Rating **	M	Issue No.	1120 (cont)
LM End	10.65	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41805_68681.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1120 (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 3 of 3 : UCIP_FA_2020_41805_68680.jpg



Pipe, flapgate, and headwall on WS toe.

LM Start	10.81	Rating **	A/W	Issue No.	1121
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:37779
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37779_68666.jpg



Headwall, pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	10.81	Rating **	A/W	Issue No.	1121 (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 2 of 3 : UCIP_FA_2020_37779_68665.jpg



Pipe and headwall on LS toe.

LM Start	10.81	Rating **	A/W	Issue No.	1121 (cont)
LM End	10.81	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37779_68659.jpg



Inside pipe at LS toe.

LM Start	11.06	Rating **	M	Issue No.	177
LM End	11.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.086323 °	38.086517 °
				-121.192947 °	-121.191732 °
DWR ID	DWR_NA0017_07_f_2020_177				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tire ruts are on the landside slope.					

Photo 1 of 1 : FA_2020_NA0017_151_177_20201019_00343.jpg



View of tire ruts along the landside shoulder. Fall 2020

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.27	Rating **	A/W	Issue No.	1122
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:37773 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 11.78)]. FS Date: 5/14/2014					

LM Start	11.27	Rating **	A/W	Issue No.	1122 (cont)
LM End	11.27	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37773_68635.jpg



Headwall, pipe, flapgate, and grouted spillway on WS slope.

Photo 2 of 3 : UCIP_FA_2020_37773_68634.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.27	Rating **	A/W	Issue No.	1122 (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 3 of 3 : UCIP_FA_2020_37773_68633.jpg



Pipe and headwall on LS toe.

LM Start	11.79	Rating **	M	Issue No.	1124
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:37753
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Some rocky debris buildup inside pipe on LS toe.
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.30)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37753_68594.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.79	Rating **	M	Issue No.	1124 (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 2 of 3 : UCIP_FA_2020_37753_68593.jpg



Pipe, flapgate, headwall, and grouted spillway on WS toe.

LM Start	11.79	Rating **	M	Issue No.	1124 (cont)
LM End	11.79	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37753_68592.jpg



Pipe and headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.88	Rating **	A/W	Issue No.	1125	
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:53044 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 10/10/2018 20-inch Snap-Tite lining pipes were sleeved through the damaged 24-inch CMP culvert. Annular space was pressure grouted. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage culvert through the levee, 7.5 feet below the crown. 20-inch Snap-Tite lining pipes sleeved through the 24-inch corrugated metal drainage culvert, 10/09/2018. Annular space pressure grouted, 10/10/2018. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Cobble grouted spillway across berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.40)]. FS Date: 10/10/2018						

LM Start	11.88	Rating **	A/W	Issue No.	1125 (cont)
LM End	11.88	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_53044_68589.jpg



Pipe and headwall at the LS toe.

Photo 2 of 3 : UCIP_FA_2020_53044_68588.jpg



Pipe, flap gate, and headwall at the WS toe.

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

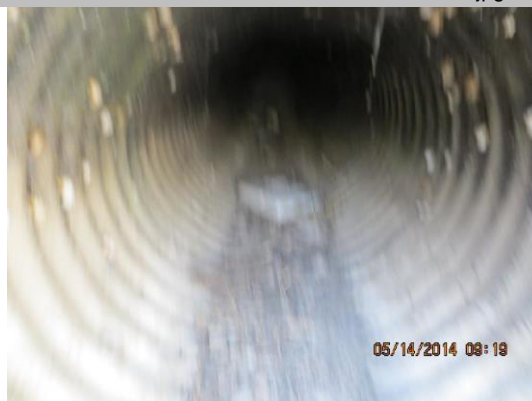
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.88	Rating **	A/W	Issue No.	1125 (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_2020_53044_68591.jpg



A look inside the CMP culvert at the inlet on the LS.

LM Start	11.90	Rating **	A/W	Issue No.	1126
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:37751
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.42)].
 FS Date: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37751_68585.jpg



Headwall and pipe on LS toe.

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

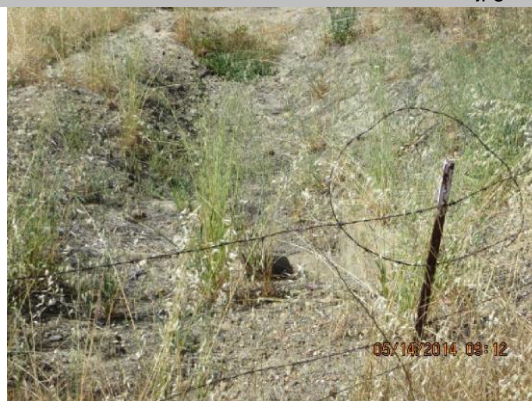
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	11.90	Rating **	A/W	Issue No.	1126 (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_2020_37751_68584.jpg



Headwall, pipe, and flapgate on WS toe.

LM Start	11.90	Rating **	A/W	Issue No.	1126 (cont)
LM End	11.90	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37751_68583.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.12	Rating **	A/W	Issue No.	1127	
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:37745 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37745_68567.jpg



Pipe, flapgate, headwall, and grouted spillway on WS toe.

LM Start	12.12	Rating **	A/W	Issue No.	1127 (cont)
LM End	12.12	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37745_68566.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.12	Rating **	A/W	Issue No.	1127 (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_2020_37745_68565.jpg



Inside of pipe on LS toe. Silt buildup.

LM Start	12.19	Rating **	A/W	Issue No.	1128
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:37732
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014

Photo 1 of 3 : UCIP_FA_2020_37732_68555.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.19	Rating **	A/W	Issue No.	1128 (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_2020_37732_68554.jpg



Pipe, flapgate, headwall, and grouted spillway on WS toe.

LM Start	12.19	Rating **	A/W	Issue No.	1128 (cont)
LM End	12.19	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37732_68553.jpg



Inside pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.21	Rating **	A/W	Issue No.	1129	
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:37731 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37731_68550.jpg



Pipe, flapgate, and headwall on WS toe.

LM Start	12.21	Rating **	A/W	Issue No.	1129 (cont)
LM End	12.21	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37731_68549.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.21	Rating **	A/W	Issue No.	1129 (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_2020_37731_68548.jpg



Pipe and headwall on LS toe.

LM Start	12.28	Rating **	C	Issue No.	237
LM End	12.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.095498 °	38.095498 °
				-121.176709 °	-121.176709 °
DWR ID	DWR_NA0017_07_s_2020_237				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	12.37	Rating **	M	Issue No.	183
LM End	12.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.096716 °	38.098259 °
				-121.176608 °	-121.176386 °
DWR ID	DWR_NA0017_07_f_2020_183				
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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.67	Rating **	C	Issue No.	146
LM End	12.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.100831 °	38.100831 °	
			-121.177491 °	-121.177491 °	
DWR ID	DWR_NA0017_07_s_2019_146				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	12.70	Rating **	C	Issue No.	149
LM End	12.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.101282 °	38.101282 °	
			-121.177702 °	-121.177702 °	
DWR ID	DWR_NA0017_07_s_2019_149				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.74	Rating **	A/W	Issue No.	1131	
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:37719						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.29)].						
FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37719_68528.jpg



Pipe and headwall on LS toe.

LM Start	12.74	Rating **	A/W	Issue No.	1131 (cont)
LM End	12.74	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37719_68527.jpg



Pipe, flapgate, and headwall on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	12.74	Rating **	A/W	Issue No.	1131 (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_2020_37719_68526.jpg



Pipe, flapgate, and headwall on WS toe.

LM Start	12.78	Rating **	C	Issue No.	150
LM End	12.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.102378 °	38.102550 °
				-121.177763 °	-121.177749 °
DWR ID	DWR_NA0017_07_s_2019_150				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.09	Rating **	A/W	Issue No.	1137	
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:37690						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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) slope. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.64)].						
FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37690_68450.jpg



Pipe and headwall on LS toe.

LM Start	13.09	Rating **	A/W	Issue No.	1137 (cont)
LM End	13.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37690_68449.jpg



Pipe, flapgate, headwall, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.09	Rating **	A/W	Issue No.	1137 (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_2020_37690_68448.jpg



Pipe, flapgate, headwall, and grouted spillway on WS slope.

LM Start	13.42	Rating **	C	Issue No.	241
LM End	13.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.110384 °	38.110384 °
				-121.172879 °	-121.172879 °
DWR ID	DWR_NA0017_07_s_2020_241				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.47	Rating **	C	Issue No.	242
LM End	13.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.111086 °	38.111086 °
				-121.172805 °	-121.172805 °
DWR ID	DWR_NA0017_07_s_2020_242				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.48	Rating **	A/W	Issue No.	1138	
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:37689 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.5 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) slope. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.04)]. FS Date: 5/14/2014						

Photo 1 of 3 : UCIP_FA_2020_37689_68446.jpg



Pipe and concrete headwall on LS slope.

LM Start	13.48	Rating **	A/W	Issue No.	1138 (cont)
LM End	13.48	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37689_68445.jpg



Pipe, flapgate, headwall, and grouted spillway on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.48	Rating **	A/W	Issue No.	1138 (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 3 of 3 : UCIP_FA_2020_37689_68444.jpg



Pipe, flapgate, headwall, and grouted spillway on WS slope.

LM Start	13.54	Rating **	C	Issue No.	243
LM End	13.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.112122 °	38.112122 °
				-121.172672 °	-121.172672 °
DWR ID	DWR_NA0017_07_s_2020_243				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.66	Rating **	C	Issue No.	244
LM End	13.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.113789 °	38.113789 °
				-121.172453 °	-121.172453 °
DWR ID	DWR_NA0017_07_s_2020_244				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.69	Rating **	C	Issue No.	245
LM End	13.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.114317 °	38.114317 °
				-121.172390 °	-121.172390 °
DWR ID	DWR_NA0017_07_s _ 2020_245				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.72	Rating **	C	Issue No.	246
LM End	13.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.114774 °	38.115063 °
				-121.172342 °	-121.172308 °
DWR ID	DWR_NA0017_07_s _ 2020_246				
Comment Code					
T3 : Trim and thin trees 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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.82	Rating **	A/W	Issue No.	1140
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:37675 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.37)]. FS Date: 5/14/2014					

Photo 1 of 3 : UCIP_FA_2020_37675_68408.jpg



Pipe and concrete headwall on LS toe.

LM Start	13.82	Rating **	A/W	Issue No.	1140 (cont)
LM End	13.82	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_37675_68405.jpg



Pipe, flapgate, grouted spillway, and concrete headwall on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.82	Rating **	A/W	Issue No.	1140 (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_2020_37675_68402.jpg



Pipe and concrete headwall on LS toe.

LM Start	13.84	Rating **	A/W	Issue No.	1142
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:37666
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. Cobble grouted spillway. 24-inch corrugated metal 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.39)].
 FS Date: 5/12/2014

Photo 1 of 3 : UCIP_FA_2020_37666_68385.jpg



Pipe, flapgate, and headwall on 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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.84	Rating **	A/W	Issue No.	1142 (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_2020_37666_68384.jpg



Pipe, flapgate, and headwall on WS slope.

LM Start	13.84	Rating **	A/W	Issue No.	1142 (cont)
LM End	13.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37666_68383.jpg



Drop-inlet on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.87	Rating **	A/W	Issue No.	1143	
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:37663 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 1 foot below the crown. Cobble grouted inlet at fish pond on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.42) 7-inch pipe listed]. FS Date: 5/12/2014						

LM Start	13.87	Rating **	A/W	Issue No.	1143 (cont)
LM End	13.87	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37663_68359.jpg



Cobble grouted inlet from fish pond on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37663_68358.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	13.87	Rating **	A/W	Issue No.	1143 (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_2020_37663_68357.jpg



Pipe, flapgate, and grouted spillway on WS slope.

LM Start	14.01	Rating **	M	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 1 : FA_2020_NA0017_151_179_20200901_00030.jpg



NA17 SJCF&WCD Unit 7 Issue 179 LM14.01 erosion waterside photo from opposite side of channel looking west.

LM Start	14.03	Rating **	A/W	Issue No.	3
LM End	14.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.119080 °	38.119080 °
				-121.171212 °	-121.171212 °
DWR ID	NA0017U07RM21.31				
Comment Code					
Inspector Comment					
Site ID: NA0017U07RM21.31					
*This area is patrol road only and therefore the site is not rated					
7/31/2020: Two erosion pockets, approximately 20 ft and 15 ft long and					
5 ft high, were discovered on the toe. The erosion is covered by					
medium to dense vegetation.					

Photo 1 of 2 : SJR2019_DWR_NA0017_07_f_2018_148_04.JPG



7/31/2020: View of the 15-ft long erosion pocket 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	14.03	Rating **	A/W	Issue No.	3 (cont)
LM End	14.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.119080 °	38.119080 °
				-121.171212 °	-121.171212 °
DWR ID	NA0017U07RM21.31				

Photo 2 of 2 : SJR2019_DWR_NA0017_07_f_2018_148_07.JPG



7/31/2020: View of the 20-ft long erosion pocket on the downstream end.

LM Start	14.25	Rating **	M	Issue No.	153
LM End	14.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.121960 °	38.121960 °
				-121.169441 °	-121.169441 °
DWR ID	DWR_NA0017_07_s_2019_153				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	14.31	Rating **	C	Issue No.	248
LM End	14.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.122740 °	38.122740 °
				-121.169581 °	-121.169581 °
DWR ID	DWR_NA0017_07_s_2020_248				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	14.37	Rating **	M	Issue No.	154
LM End	14.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.123697 °	38.123697 °
				-121.169601 °	-121.169601 °
DWR ID	DWR_NA0017_07_s_2019_154				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree branch/limb is on the landside shoulder.					

No Photos

LM Start	14.45	Rating **	A/W	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:37660 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: No flapgate. FIELD_STRUCT_DESC: 48-inch reinforced concrete drainage pipe, 9 feet below the crown. Concrete headwall with trash rack on the landside (LS). Cobble grouted intake on the LS. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.00)]. FS Date: 5/12/2014					

Photo 1 of 3 : UCIP_FA_2020_37660_68354.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	14.45	Rating **	A/W	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 2 of 3 : UCIP_FA_2020_37660_68353.jpg



Pipe and headwall on LS toe.

LM Start	14.45	Rating **	A/W	Issue No.	1147 (cont)
LM End	14.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37660_68352.jpg



Inside concrete pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	14.54	Rating **	A/W	Issue No.	1149
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:37658 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: No flapgate. Pipe not visible on LS. FIELD_STRUCT_DESC: 14-inch reinforced concrete drainage pipe through the levee, 4.7 feet below the crown. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987, 12-inch pipe listed. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.10) 12-inch pipe listed]. FS Date: 5/12/2014					

LM Start	14.54	Rating **	A/W	Issue No.	1149 (cont)
LM End	14.54	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37658_68343.jpg



Grouted spillway and pipe visible on WS slope.

Photo 2 of 3 : UCIP_FA_2020_37658_68342.jpg



Grouted spillway and pipe visible on WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	14.93	Rating **	A/W	Issue No.	1150 (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 2 of 3 : UCIP_FA_2020_37655_68335.jpg



Concrete headwall and pipe at LS toe.

LM Start	14.93	Rating **	A/W	Issue No.	1150 (cont)
LM End	14.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37655_68334.jpg



Concrete headwall and pipe at LS toe.

LM Start	15.08	Rating **	M	Issue No.	204
LM End	15.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.129587 °	38.129587 °
				-121.159744 °	-121.159744 °
DWR ID	DWR_NA0017_07_f_2020_204				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.10	Rating **	A/W	Issue No.	1153	
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:37653 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: Rodent hole on crown side of headwall on WS slope. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.5 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, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.68)]. FS Date: 5/12/2014						

LM Start	15.10	Rating **	A/W	Issue No.	1153 (cont)
LM End	15.10	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37653_68329.jpg



Concrete headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37653_68328.jpg



Grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.10	Rating **	A/W	Issue No.	1153 (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 3 of 3 : UCIP_FA_2020_37653_68327.jpg



Pipe, flapgate, headwall, and grouted spillway on WS slope.

LM Start	15.16	Rating **	N	Issue No.	53
LM End	15.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130231 °	38.130231 °
				-121.158447 °	-121.158447 °
DWR ID	DWR_NA0017_07_s_2012_53				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_151_53_20200901_00010.jpg



View of a stump in the landward slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.22	Rating **	M	Issue No.	1154	
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:37652 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: No inlet cover or grate at LS toe FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Concrete U-shaped headwall on the waterside (WS) end. Flap gate on the WS end. 24-inch corrugated metal riser unit/drop inlet on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.80)]. FS Date: 5/12/2014						

LM Start	15.22	Rating **	M	Issue No.	1154 (cont)
LM End	15.22	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_37652_68326.jpg



24-inch riser/dropinlet on LS toe.

Photo 2 of 3 : UCIP_FA_2020_37652_68325.jpg



Concrete headwall on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.22	Rating **	M	Issue No.	1154 (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_2020_37652_68324.jpg



Pipe, flapgate, and Concrete headwall on WS slope.

LM Start	15.31	Rating **	A/W	Issue No.	1155
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:37651
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.90)].
 FS Date: 5/12/2014

Photo 1 of 3 : UCIP_FA_2020_37651_68322.jpg



Concrete headwall and grouted spillway on 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 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.31	Rating **	A/W	Issue No.	1155 (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 2 of 3 : UCIP_FA_2020_37651_68321.jpg



concrete headwall on LS toe.

LM Start	15.31	Rating **	A/W	Issue No.	1155 (cont)
LM End	15.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_37651_68320.jpg



concrete headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.51	Rating **	U	Issue No.	1156	
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:53498 EP_NO: N/A Repair Type: Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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 through the levee, 1.5 feet below the crown. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.10)]. FS Date: 9/18/2018						

Photo 1 of 3 : UCIP_FA_2020_53498_68319.jpg



Pipe visible on WS slope with grouted spillway.

LM Start	15.51	Rating **	U	Issue No.	1156 (cont)
LM End	15.51	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53498_68318.jpg



Pipe at inlet on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.51	Rating **	U	Issue No.	1156 (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 3 of 3 : UCIP_FA_2020_53498_68317.jpg



Inside pipe at LS toe.

LM Start	15.73	Rating **	U	Issue No.	1157
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:53499
 EP_NO: N/A
 Repair Type: Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 09/18/2018 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 through the levee, 2 feet below the crown. Cobble grouted spillway. Open on both ends. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.32)].
 FS Date: 9/18/2018

Photo 1 of 3 : UCIP_FA_2020_53499_68316.jpg



Pipe on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.73	Rating **	U	Issue No.	1157 (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_2020_53499_68315.jpg



Pipe at inlet on LS shoulder.

LM Start	15.73	Rating **	U	Issue No.	1157 (cont)
LM End	15.73	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_53499_68314.jpg



Inside pipe at LS inlet.

LM Start	15.80	Rating **	M	Issue No.	250
LM End	15.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.136711 °	38.136711 °
				-121.152375 °	-121.152375 °
DWR ID	DWR_NA0017_07_s_2020_250				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.86	Rating **	A/W	Issue No.	2
LM End	15.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.137840 °	38.137840 °
				-121.152028 °	-121.152028 °
DWR ID	NA0017U07RM23.14				
Comment Code					

Comment Code

Inspector Comment

Site ID: NA0017U07RM23.14

*This area is patrol road only and therefore the site is not rated
07/31/2020: The erosion has been repaired since the previous inspection and will be monitored for two years. The repair is 85 ft long and approximately 25 ft high.

08/01/2019: The erosion has cut into the patrol road and may impact access if not repaired. The erosion has likely been caused by surface runoff.

LM Start	15.86	Rating **	A/W	Issue No.	2 (cont)
LM End	15.90	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U07RM23.14_01.JPG



7/31/2020: Looking down the levee slope at the upstream end of the repair.

Photo 2 of 3 : SJR2019_NA0017U07RM23.14_02.JPG



7/31/2020: View of the erosion repair from the 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/13/2020 10/13/2020	Alberto De Leon

LM Start	15.86	Rating **	A/W	Issue No.	2 (cont)
LM End	15.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.137840 °	38.137840 °
				-121.152028 °	-121.152028 °
DWR ID	NA0017U07RM23.14				

Photo 3 of 3 : SJR2019_NA0017U07RM23.14_03.JPG



7/31/2020: A closer view of the erosion repair looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	1.93	Rating **	C	Issue No.	220
LM End	1.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042809 °	38.042809 °
				-121.348779 °	-121.348779 °
DWR ID	DWR_NA0017_08_s_2020_220				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.15	Rating **	A/W	Issue No.	1117	
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:38523 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 10-inch soil proofed steel drainage pipe through the levee, 3 feet below the crown. Flap gates on the waterside (WS) end. Siphon breaker in 24-inch corrugated metal riser unit on the WS slope. Pumps mounted over 6-foot by 7-foot concrete sump at the landside (LS) toe. Pole and electrical panel at same location. [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.18)]. FS Date: 6/11/2014						

Photo 1 of 3 : UCIP_FA_2020_38523_70515.jpg



Pipe at pump and sump on LS toe next to Pole and electrical panel.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	2.15	Rating **	A/W	Issue No.	1117 (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 2 of 3 : UCIP_FA_2020_38523_70514.jpg



Siphon Breaker in CMP riser on WS shoulder.

LM Start	2.15	Rating **	A/W	Issue No.	1117 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38523_70513.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	2.15	Rating **	A/W	Issue No.	1118	
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:38524 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 10-inch soil proofed steel drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS) end. Siphon breakers in a 24-inch corrugated metal riser unit on the WS shoulder. Pumps mounted over 6-foot by 7-foot concrete sump at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 2.18)]. FS Date: 6/11/2014						

LM Start	2.15	Rating **	A/W	Issue No.	1118 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38524_70518.jpg



Pipe, pump, electrical panel, and pole visible on LS toe.

Photo 2 of 3 : UCIP_FA_2020_38524_70517.jpg



siphon breaker visible in 24-inch CMP 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	2.15	Rating **	A/W	Issue No.	1118 (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 3 of 3 : UCIP_FA_2020_38524_70516.jpg



Flapgate on WS slope.

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	2.41	Rating **	N	Issue No.	40
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.042751 °	38.042751 °
				-121.342119 °	-121.342119 °
DWR ID	DWR_NA0017_08_f_2018_40				
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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

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_2020_NA0017_152_12_20200901_00002.jpg



View of stumps along the landward toe looking upstream.

LM Start	2.51	Rating **	M	Issue No.	151
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.042705 °	38.042699 °
				-121.338263 °	-121.337087 °
DWR ID	DWR_NA0017_08_f_2020_151				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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

*** 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	2.68	Rating **	N	Issue No.	33
LM End	2.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042715 °	38.042715 °	
			-121.335146 °	-121.335146 °	
DWR ID	DWR_NA0017_08_s_2012_33				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	3.03	Rating **	N	Issue No.	137
LM End	3.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.042683 °	38.042683 °	
			-121.328674 °	-121.328674 °	
DWR ID	DWR_NA0017_08_s_2016_137				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	3.50	Rating **	M	Issue No.	150
LM End	3.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.042641 °	38.042641 °	
			-121.320131 °	-121.320131 °	
DWR ID	DWR_NA0017_08_f_2020_150				
Comment Code					
S3 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	3.65	Rating **	A/W	Issue No.	1127	
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:38510 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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 berm. [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 3.73)]. FS Date: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38510_70478.jpg



Headwall at LS toe.

LM Start	3.65	Rating **	A/W	Issue No.	1127 (cont)
LM End	3.65	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38510_70477.jpg



Headwall and flapgate at WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	3.65	Rating **	A/W	Issue No.	1127 (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 3 of 3 : UCIP_FA_2020_38510_70476.jpg



Headwall at LS toe.

LM Start	3.71	Rating **	A/W	Issue No.	1129
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:38507
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch concrete storm drainage pipe through the levee, 9 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: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38507_70468.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	3.71	Rating **	A/W	Issue No.	1129 (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 2 of 3 : UCIP_FA_2020_38507_70467.jpg



Slide gate in 72-inch concrete standpipe on WS shoulder. Headwall and flapgate visible in background on WS slope.

LM Start	3.71	Rating **	A/W	Issue No.	1129 (cont)
LM End	3.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38507_70466.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	4.55	Rating **	A/W	Issue No.	1132	
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:38477						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe through the levee, 9 feet below the crown. Concrete U-shaped 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38477_70362.jpg



Headwall at LS toe.

LM Start	4.55	Rating **	A/W	Issue No.	1132 (cont)
LM End	4.55	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38477_70361.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	5.56	Rating **	A/W	Issue No.	1134	
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:38444 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014						

LM Start	5.56	Rating **	A/W	Issue No.	1134 (cont)
LM End	5.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38444_70291.jpg



Headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_38444_70290.jpg



Headwall, flapgate, and grouted spillway on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	5.56	Rating **	A/W	Issue No.	1134 (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 3 of 3 : UCIP_FA_2020_38444_70289.jpg



Headwall on LS toe.

LM Start	6.10	Rating **	A/W	Issue No.	1136
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:38427
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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 berm. [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.25)].
 FS Date: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38427_70280.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.10	Rating **	A/W	Issue No.	1136 (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 2 of 3 : UCIP_FA_2020_38427_70279.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.10	Rating **	A/W	Issue No.	1136 (cont)
LM End	6.10	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38427_70278.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.20	Rating **	M	Issue No.	1138	
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:38373 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Gate rusted shut on LS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38373_70038.jpg



Headwall and slidegate on LS toe.

LM Start	6.20	Rating **	M	Issue No.	1138 (cont)
LM End	6.20	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38373_70037.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.20	Rating **	M	Issue No.	1138 (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_2020_38373_70036.jpg



Slide gate on headwall at LS toe.

LM Start	6.41	Rating **	A/W	Issue No.	1139
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:38368
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe 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. USACE San Joaquin O&M Manual 612.1, June 1965, (HLM 6.56)].
 FS Date: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38368_70029.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.41	Rating **	A/W	Issue No.	1139 (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_2020_38368_70028.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.41	Rating **	A/W	Issue No.	1139 (cont)
LM End	6.41	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38368_70027.jpg



Headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.56	Rating **	A/W	Issue No.	1140	
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:38367 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38367_70024.jpg



Headwall on LS toe.

LM Start	6.56	Rating **	A/W	Issue No.	1140 (cont)
LM End	6.56	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38367_70023.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.56	Rating **	A/W	Issue No.	1140 (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_2020_38367_70022.jpg



Headwall on LS toe.

LM Start	6.63	Rating **	A/W	Issue No.	1141
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:38365
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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. 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: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38365_70019.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.63	Rating **	A/W	Issue No.	1141 (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_2020_38365_70018.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.63	Rating **	A/W	Issue No.	1141 (cont)
LM End	6.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38365_70017.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.71	Rating **	A/W	Issue No.	1142	
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:38363 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38363_70010.jpg



Headwall on LS toe.

LM Start	6.71	Rating **	A/W	Issue No.	1142 (cont)
LM End	6.71	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38363_70009.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.71	Rating **	A/W	Issue No.	1142 (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_2020_38363_70008.jpg



Headwall on LS toe.

LM Start	6.83	Rating **	A/W	Issue No.	1143
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:38361
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38361_70005.jpg



Headwall 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.83	Rating **	A/W	Issue No.	1143 (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 2 of 3 : UCIP_FA_2020_38361_70004.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.83	Rating **	A/W	Issue No.	1143 (cont)
LM End	6.83	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38361_70003.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.83	Rating **	A/W	Issue No.	1144	
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:38360 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38360_70000.jpg



Headwall at LS toe.

LM Start	6.83	Rating **	A/W	Issue No.	1144 (cont)
LM End	6.83	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38360_69999.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.83	Rating **	A/W	Issue No.	1144 (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 3 of 3 : UCIP_FA_2020_38360_69998.jpg



Headwall on LS toe.

LM Start	6.90	Rating **	A/W	Issue No.	1145
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:38359
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe 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 berm. [Additional Reference(s): DWR Levee Log, 1990. 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: 5/22/2014

Photo 1 of 3 : UCIP_FA_2020_38359_69995.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	6.90	Rating **	A/W	Issue No.	1145 (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 2 of 3 : UCIP_FA_2020_38359_69994.jpg



Headwall, flapgate, and grouted spillway on WS toe.

LM Start	6.90	Rating **	A/W	Issue No.	1145 (cont)
LM End	6.90	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38359_69993.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.08	Rating **	A/W	Issue No.	1146	
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:38358 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe 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. 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: 5/22/2014						

Photo 1 of 3 : UCIP_FA_2020_38358_69990.jpg



Headwall on LS toe.

LM Start	7.08	Rating **	A/W	Issue No.	1146 (cont)
LM End	7.08	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38358_69989.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.08	Rating **	A/W	Issue No.	1146 (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_2020_38358_69988.jpg



Headwall on LS toe.

LM Start	7.38	Rating **	M	Issue No.	192
LM End	7.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.060798 °	38.061025 °
				-121.259026 °	-121.258857 °
DWR ID	DWR_NA0017_08_s_2020_192				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	7.42	Rating **	M	Issue No.	191
LM End	7.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.061263 °	38.061263 °
				-121.258571 °	-121.258571 °
DWR ID	DWR_NA0017_08_s_2020_191				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.44	Rating **	M	Issue No.	190
LM End	7.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.061485 °	38.061485 °
				-121.258290 °	-121.258290 °
DWR ID	DWR_NA0017_08_s_2020_190				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	7.47	Rating **	M	Issue No.	1149	
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:41809						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Cobbles building up at inlet and inside pipe along with sediment.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_41809_69980.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.47	Rating **	M	Issue No.	1149 (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_2020_41809_69979.jpg



Concrete headwall and flapgate at WS toe.

LM Start	7.47	Rating **	M	Issue No.	1149 (cont)
LM End	7.47	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41809_69978.jpg



Concrete headwall on LS toe. Cobbles distributed at inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.99	Rating **	M	Issue No.	1150	
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:38352						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Lid damaged/missing from CMP riser on WS slope.						
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal storm						
drainage pipe through the levee, 9 feet below the crown. Flap gate on						
the waterside (WS) end. Slide gate in 48-inch corrugated metal 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. 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: 5/21/2014						

LM Start	7.99	Rating **	M	Issue No.	1150 (cont)
LM End	7.99	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38352_69974.jpg



Slide gate in CMP riser on WS slope. Lid missing/damaged.

Photo 2 of 3 : UCIP_FA_2020_38352_69973.jpg



Headwall at drainage channel on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	7.99	Rating **	M	Issue No.	1151 (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_2020_38351_69967.jpg



Headwall on LS toe at drainage channel.

LM Start	7.99	Rating **	M	Issue No.	1151 (cont)
LM End	7.99	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38351_69966.jpg



Headwall on LS toe at drainage channel.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	8.15	Rating **	A/W	Issue No.	1152	
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:38350 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38350_69963.jpg



Headwall and grouted apron on LS toe.

LM Start	8.15	Rating **	A/W	Issue No.	1152 (cont)
LM End	8.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38350_69962.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	8.15	Rating **	A/W	Issue No.	1152 (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_2020_38350_69961.jpg



Headwall on LS toe.

LM Start	8.43	Rating **	C	Issue No.	126
LM End	8.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.066939 °	38.066939 °
				-121.242196 °	-121.242196 °
DWR ID	DWR_NA0017_08_f_2016_126				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	8.79	Rating **	C	Issue No.	164
LM End	8.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.067007 °	38.067052 °
				-121.235517 °	-121.235112 °
DWR ID	DWR_NA0017_08_f_2019_164				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	9.30	Rating **	A/W	Issue No.	1154	
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:38346 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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 berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38346_69954.jpg



Headwall at LS toe.

LM Start	9.30	Rating **	A/W	Issue No.	1154 (cont)
LM End	9.30	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38346_69953.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	9.30	Rating **	A/W	Issue No.	1154 (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_2020_38346_69952.jpg



Headwall at LS toe.

LM Start	9.53	Rating **	A/W	Issue No.	1157
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:38241
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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 berm. Cobble grouted apron on the landside (LS) end.
 [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38241_69739.jpg



Headwall, flapgate, and grouted spillway on 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	9.53	Rating **	A/W	Issue No.	1157 (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_2020_38241_69738.jpg



Headwall at LS toe.

LM Start	9.53	Rating **	A/W	Issue No.	1157 (cont)
LM End	9.53	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38241_69737.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	1158	
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:38239 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Sediment and debris buildup inside pipe on LS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38239_69728.jpg



Headwall at LS toe.

LM Start	9.78	Rating **	M	Issue No.	1158 (cont)
LM End	9.78	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38239_69727.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	1158 (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_2020_38239_69726.jpg



Headwall at LS toe.

LM Start	10.21	Rating **	A/W	Issue No.	1159
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:38232
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38232_69706.jpg



Headwall 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.21	Rating **	A/W	Issue No.	1159 (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_2020_38232_69705.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	10.21	Rating **	A/W	Issue No.	1159 (cont)
LM End	10.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38232_69704.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.23	Rating **	M	Issue No.	1160	
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:41808 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Some sediment buildup in pipe at LS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_41808_69701.jpg



Headwall at LS toe.

LM Start	10.23	Rating **	M	Issue No.	1160 (cont)
LM End	10.23	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41808_69700.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.23	Rating **	M	Issue No.	1160 (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_2020_41808_69703.jpg



Headwall at LS toe.

LM Start	10.35	Rating **	M	Issue No.	134
LM End	10.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.074679 °	38.074679 °
				-121.208597 °	-121.208597 °
DWR ID	DWR_NA0017_08_f_2020_134				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.43	Rating **	A/W	Issue No.	1161	
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:38229						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 2-small PVC pipes discharge into inlet on LS toe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38229_69693.jpg



Headwall with two PVC discharge pipes at LS toe.

LM Start	10.43	Rating **	A/W	Issue No.	1161 (cont)
LM End	10.43	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38229_69692.jpg



Headwall with two PVC discharge pipes at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.43	Rating **	A/W	Issue No.	1161 (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_2020_38229_69691.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	10.48	Rating **	C	Issue No.	160
LM End	10.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.076363 °	38.076363 °
				-121.208009 °	-121.208009 °
DWR ID	DWR_NA0017_08_f_2019_160				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1162	
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:41810						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Some silt buildup in pipe at LS toe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 8 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_41810_69684.jpg



Headwall at LS toe.

LM Start	10.65	Rating **	M	Issue No.	1162 (cont)
LM End	10.65	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41810_69683.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.65	Rating **	M	Issue No.	1162 (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_2020_41810_69682.jpg



Headwall at LS toe.

LM Start	10.85	Rating **	M	Issue No.	185
LM End	10.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.079060 °	38.079060 °
				-121.202462 °	-121.202462 °
DWR ID	DWR_NA0017_08_s_2020_185				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_152_185_20200901_00028.jpg



View of tire ruts on waterside hinge. Spring 2020

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.99	Rating **	A/W	Issue No.	1163	
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:38224 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 7 feet below the crown. Concrete U-shaped headwalls on both ends. Cobble grouted spillway across the berm. Cobble grouted apron on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38224_69667.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	10.99	Rating **	A/W	Issue No.	1163 (cont)
LM End	10.99	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38224_69666.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	10.99	Rating **	A/W	Issue No.	1163 (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 3 of 3 : UCIP_FA_2020_38224_69665.jpg



Headwall at LS toe.

LM Start	11.03	Rating **	A/W	Issue No.	1164
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:38223
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe 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. 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: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38223_69662.jpg



Headwall and grouted intake on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.03	Rating **	A/W	Issue No.	1164 (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 2 of 3 : UCIP_FA_2020_38223_69661.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	11.03	Rating **	A/W	Issue No.	1164 (cont)
LM End	11.03	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38223_69660.jpg



Headwall on LS toe.

LM Start	11.13	Rating **	C	Issue No.	146
LM End	11.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.081510 °	38.081616 °
				-121.198773 °	-121.198650 °
DWR ID	DWR_NA0017_08_s_2019_146				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.20	Rating **	U	Issue No.	148
LM End	11.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.082320 °	38.082320 °
				-121.197916 °	-121.197916 °
DWR ID	DWR_NA0017_08_f_2019_148				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_152_148_20201019_00315.jpg



View of untrimmed tree on landside slope. Fall 2020

LM Start	11.24	Rating **	A/W	Issue No.	1165
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:38221					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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) toe. [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014					

Photo 1 of 3 : UCIP_FA_2020_38221_69659.jpg



Headwall at LS toe with grouted inlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.24	Rating **	A/W	Issue No.	1165 (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 2 of 3 : UCIP_FA_2020_38221_69658.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	11.24	Rating **	A/W	Issue No.	1165 (cont)
LM End	11.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38221_69657.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.31	Rating **	A/W	Issue No.	1166	
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:51700 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_51700_69653.jpg



Headwall at LS toe.

LM Start	11.31	Rating **	A/W	Issue No.	1166 (cont)
LM End	11.31	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_51700_69652.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.31	Rating **	A/W	Issue No.	1166 (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_2020_51700_69651.jpg



Headwall on LS toe.

LM Start	11.70	Rating **	A/W	Issue No.	1167
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:51701
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 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 drainage pipe 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 12.06)].
 FS Date: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_51701_69648.jpg



Headwall at LS toe. 4-inch PVC backwash from filter plant 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.70	Rating **	A/W	Issue No.	1167 (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_2020_51701_69647.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	11.70	Rating **	A/W	Issue No.	1167 (cont)
LM End	11.70	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_51701_69646.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.84	Rating **	M	Issue No.	1169	
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:38216						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: CMP riser missing cover on WS slope.						
FIELD_STRUCT_DESC: 1 of 2: 48-inch corrugated metal storm drainage pipe through the levee, 8.5 feet below the crown. Slide gate in 60-inch corrugated metal 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. 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: 5/21/2014						

LM Start	11.84	Rating **	M	Issue No.	1169 (cont)
LM End	11.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38216_69639.jpg



Headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_38216_69638.jpg



Slide gate in CMP riser on WS slope missing cover.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	11.84	Rating **	M	Issue No.	1170 (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_2020_38214_69624.jpg



Slidegate on WS shoulder.

LM Start	11.84	Rating **	M	Issue No.	1170 (cont)
LM End	11.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38214_69623.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.07	Rating **	M	Issue No.	1171	
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:41811 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Some sediment buildup in pipe at inlet. FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe through the levee, 9 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_41811_69621.jpg



Headwall on LS toe.

LM Start	12.07	Rating **	M	Issue No.	1171 (cont)
LM End	12.07	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41811_69620.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.07	Rating **	M	Issue No.	1171 (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_2020_41811_69619.jpg



Headwall on LS toe.

LM Start	12.37	Rating **	C	Issue No.	183
LM End	12.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.091709 °	38.091709 °
				-121.181781 °	-121.181781 °
DWR ID	DWR_NA0017_08_s_2020_183				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.41	Rating **	A/W	Issue No.	1173	
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:38210 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal storm drainage pipe 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 berm. Cobble grouted apron on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1990. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38210_69610.jpg



Headwall on LS toe.

LM Start	12.41	Rating **	A/W	Issue No.	1173 (cont)
LM End	12.41	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38210_69609.jpg



Headwall, flapgate, and grouted spillway on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.41	Rating **	A/W	Issue No.	1173 (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_2020_38210_69608.jpg



Headwall on LS toe.

LM Start	12.42	Rating **	M	Issue No.	125
LM End	12.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.091807 °	38.092107 °
				-121.180855 °	-121.178287 °
DWR ID	DWR_NA0017_08_f_2020_125				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.57	Rating **	A/W	Issue No.	1176	
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:38206						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch corrugated metal storm drainage pipe through the levee, 9 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. 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: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38206_69602.jpg



Headwall at LS toe next to irrigation structure.

LM Start	12.57	Rating **	A/W	Issue No.	1176 (cont)
LM End	12.57	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38206_69601.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.57	Rating **	A/W	Issue No.	1176 (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 3 of 3 : UCIP_FA_2020_38206_69600.jpg



Headwall at LS toe.

LM Start	12.63	Rating **	A/W	Issue No.	1177
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:38205
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 9 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.00)].
 FS Date: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38205_69591.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.63	Rating **	A/W	Issue No.	1177 (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 2 of 3 : UCIP_FA_2020_38205_69590.jpg



Headwall and Slidegate on LS toe.

LM Start	12.63	Rating **	A/W	Issue No.	1177 (cont)
LM End	12.63	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38205_69589.jpg



Headwall and Flapgate on WS slope.

LM Start	12.69	Rating **	M	Issue No.	121
LM End	12.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.094383 °	38.095918 °
				-121.176134 °	-121.176004 °
DWR ID	DWR_NA0017_08_f_2020_121				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.85	Rating **	M	Issue No.	133
LM End	12.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.096703 °	38.096703 °
				-121.175867 °	-121.175867 °
DWR ID	DWR_NA0017_08_s_2019_133				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings on landside toe.					

Photo 1 of 1 : FA_2020_NA0017_152_133_20200901_00016.jpg



View of prunings on landside slope. Fall 2019

LM Start	12.89	Rating **	A/W	Issue No.	1179
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:38203 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.26)]. FS Date: 5/21/2014					

Photo 1 of 3 : UCIP_FA_2020_38203_69582.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.89	Rating **	A/W	Issue No.	1179 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_38203_69581.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	12.89	Rating **	A/W	Issue No.	1179 (cont)
LM End	12.89	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38203_69580.jpg



Concrete headwall on LS toe.

LM Start	12.93	Rating **	M	Issue No.	120
LM End	12.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.097846 °	38.097846 °
				-121.175795 °	-121.175795 °
DWR ID	DWR_NA0017_08_f_2020_120				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.98	Rating **	M	Issue No.	1180	
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:38144 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Some debris buildup at inlet. No lid on CMP riser on WS slope. FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Concrete U-shaped headwall on both ends. Slide gate in corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.35)]. FS Date: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38144_69426.jpg



Slidegate in CMP riser on WS slope.

LM Start	12.98	Rating **	M	Issue No.	1180 (cont)
LM End	12.98	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38144_69425.jpg



Headwall on LS toe. Note debris buildup.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	12.98	Rating **	M	Issue No.	1181 (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_2020_38143_69421.jpg



Headwall on LS toe. Note debris buildup.

LM Start	12.98	Rating **	M	Issue No.	1181 (cont)
LM End	12.98	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38143_69420.jpg



Headwall on LS toe. Note debris buildup.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.13	Rating **	A/W	Issue No.	1182
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:38141 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.50)]. FS Date: 5/21/2014					

Photo 1 of 3 : UCIP_FA_2020_38141_69418.jpg



Headwall on LS toe.

LM Start	13.13	Rating **	A/W	Issue No.	1182 (cont)
LM End	13.13	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38141_69417.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.13	Rating **	A/W	Issue No.	1182 (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_2020_38141_69416.jpg



Headwall on LS toe.

LM Start	13.18	Rating **	C	Issue No.	149
LM End	13.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.101154 °	38.101624 °
				-121.177032 °	-121.177158 °
DWR ID	DWR_NA0017_08_s_2020_149				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.23	Rating **	A/W	Issue No.	1184
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:38140 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.60)]. FS Date: 5/21/2014					

Photo 1 of 3 : UCIP_FA_2020_38140_69413.jpg



Headwall on LS toe.

LM Start	13.23	Rating **	A/W	Issue No.	1184 (cont)
LM End	13.23	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38140_69412.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.23	Rating **	A/W	Issue No.	1184 (cont)
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				

Photo 3 of 3 : UCIP_FA_2020_38140_69411.jpg



Headwall on LS toe.

LM Start	13.44	Rating **	A/W	Issue No.	1185
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:38139
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 13.81)].
 FS Date: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38139_69408.jpg



Headwall 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.44	Rating **	A/W	Issue No.	1185 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_38139_69407.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	13.44	Rating **	A/W	Issue No.	1185 (cont)
LM End	13.44	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38139_69406.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.78	Rating **	A/W	Issue No.	1186	
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:38137						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 1 of 2: 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.16)].						
FS Date: 5/21/2014						

LM Start	13.78	Rating **	A/W	Issue No.	1186 (cont)
LM End	13.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38137_69401.jpg



Headwall, flapgate, and grouted spillway on WS slope.

Photo 2 of 3 : UCIP_FA_2020_38137_69400.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.78	Rating **	A/W	Issue No.	1186 (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_2020_38137_69399.jpg



Headwall on LS toe.

LM Start	13.78	Rating **	A/W	Issue No.	1187
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:38136
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 2 of 2: 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.16)].
 FS Date: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38136_69396.jpg



Headwall and flapgate on 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.78	Rating **	A/W	Issue No.	1187 (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_2020_38136_69395.jpg



Headwall on LS toe.

LM Start	13.78	Rating **	A/W	Issue No.	1187 (cont)
LM End	13.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38136_69394.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.97	Rating **	A/W	Issue No.	1188	
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:38134						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.35)].						
FS Date: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38134_69389.jpg



Headwall at LS toe.

LM Start	13.97	Rating **	A/W	Issue No.	1188 (cont)
LM End	13.97	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38134_69388.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	13.97	Rating **	A/W	Issue No.	1188 (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_2020_38134_69387.jpg



Headwall at LS toe.

LM Start	14.08	Rating **	M	Issue No.	1189
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:38133
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Some silt buildup inside pipe.
 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.46)].
 FS Date: 5/21/2014

Photo 1 of 3 : UCIP_FA_2020_38133_69384.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.08	Rating **	M	Issue No.	1189 (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_2020_38133_69383.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	14.08	Rating **	M	Issue No.	1189 (cont)
LM End	14.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38133_69382.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.31	Rating **	M	Issue No.	1190	
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:38130						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Some silt buildup inside pipe.						
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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.69)].						
FS Date: 5/21/2014						

Photo 1 of 3 : UCIP_FA_2020_38130_69375.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	14.31	Rating **	M	Issue No.	1190 (cont)
LM End	14.31	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38130_69374.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.31	Rating **	M	Issue No.	1190 (cont)	
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					

Photo 3 of 3 : UCIP_FA_2020_38130_69373.jpg



Headwall on LS toe.

LM Start	14.32	Rating **	A/W	Issue No.	1192
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:38129
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 14.70)].
 FS Date: 5/20/2014

Photo 1 of 3 : UCIP_FA_2020_38129_69370.jpg



Headwall 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.32	Rating **	A/W	Issue No.	1192 (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 2 of 3 : UCIP_FA_2020_38129_69369.jpg



Headwall and flapgate on WS toe.

LM Start	14.32	Rating **	A/W	Issue No.	1192 (cont)
LM End	14.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38129_69368.jpg



Headwall at LS toe.

LM Start	14.33	Rating **	C	Issue No.	122
LM End	16.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.116478 °	38.131896 °
				-121.171665 °	-121.151067 °
DWR ID	DWR_NA0017_08_s_2020_122				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.67	Rating **	A/W	Issue No.	2
LM End	14.68	Issue Type +	Ma	Location *	WS
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					
Inspector Comment					
Site ID: NA0017U08RM21.46					
*This area is patrol road only and therefore the site is not rated					
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 *	WS

Photo 1 of 2 : SJR2019_NA0017U08RM21.46_01.JPG



7/31/2020: View of the erosion and scour holes from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U08RM21.46_03.JPG



7/31/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.70	Rating **	A/W	Issue No.	1193
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:38127 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.08)]. FS Date: 5/20/2014					

LM Start	14.70	Rating **	A/W	Issue No.	1193 (cont)
LM End	14.70	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38127_69362.jpg



Pipe at LS toe.

Photo 2 of 3 : UCIP_FA_2020_38127_69361.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.70	Rating **	A/W	Issue No.	1193 (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_2020_38127_69360.jpg



Pipe, flapgate, and grouted spillway on WS slope.

LM Start	14.76	Rating **	A/W	Issue No.	1
LM End	14.77	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.122277 °	38.122277 °
				-121.169031 °	-121.169031 °
DWR ID	NA0017U08RM21.52				

Comment Code

Inspector Comment

Site ID: NA0017U08RM21.52

*This area is patrol road only and therefore the site is not rated
09/08/2020: Visited a PL84-99 erosion repair (most likely DWR 2017 Storm Damage Site LMA-305) that begins at the downstream end of the erosion site, extending 200 ft downstream on both banks.
07/31/2020: No changes observed since the previous inspection.
08/01/2019: Erosion is at the bank toe, caused by river flow.

Photo 1 of 3 : SJR2019_NA0017U08RM21.52_02.JPG



7/31/2020: View of the erosion from the opposite bank.

*** Location**

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

**** Rating**

A : Acceptable 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**

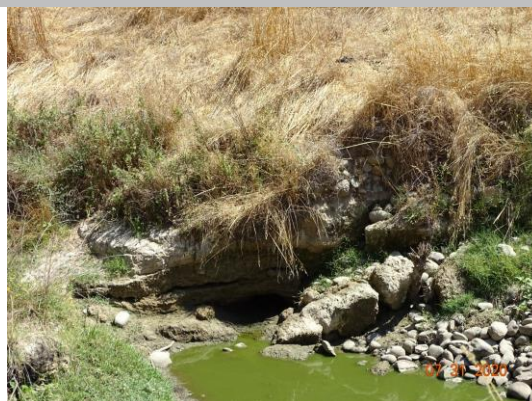
Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.76	Rating **	A/W	Issue No.	1 (cont)
LM End	14.77	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.122277 °	38.122277 °
				-121.169031 °	-121.169031 °
DWR ID	NA0017U08RM21.52				

Photo 2 of 3 : SJR2019_NA0017U08RM21.52_04.JPG



7/31/2020: Close-up view of the erosion.

LM Start	14.76	Rating **	A/W	Issue No.	1 (cont)
LM End	14.77	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U08RM21.52_11.JPG



9/8/2020: View of the erosion and upstream end of the repair.

LM Start	14.85	Rating **	M	Issue No.	128
LM End	14.89	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.123566 °	38.124174 °
				-121.169190 °	-121.168910 °
DWR ID	DWR_NA0017_08_f_2019_128				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.85	Rating **	A/W	Issue No.	1194	
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:38126 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 inlet on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.24)]. FS Date: 5/20/2014						

Photo 1 of 3 : UCIP_FA_2020_38126_69357.jpg



Headwall at LS toe.

LM Start	14.85	Rating **	A/W	Issue No.	1194 (cont)
LM End	14.85	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38126_69356.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	14.85	Rating **	A/W	Issue No.	1194 (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 3 of 3 : UCIP_FA_2020_38126_69355.jpg



Headwall at LS toe.

LM Start	14.94	Rating **	M	Issue No.	153
LM End	14.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.124703 °	38.124861 °
				-121.168414 °	-121.168259 °
DWR ID	DWR_NA0017_08_s_2019_153				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	14.98	Rating **	C	Issue No.	154
LM End	14.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.125203 °	38.125203 °
				-121.167832 °	-121.167832 °
DWR ID	DWR_NA0017_08_s_2019_154				
Comment Code					
T2 : Thin trees 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.04	Rating **	M	Issue No.	138
LM End	15.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.125660 °	38.125660 °
				-121.167044 °	-121.167044 °
DWR ID	DWR_NA0017_08_s_2020_138				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.05	Rating **	C	Issue No.	155
LM End	15.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.125692 °	38.125692 °
				-121.166896 °	-121.166896 °
DWR ID	DWR_NA0017_08_s_2019_155				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.05	Rating **	U	Issue No.	136
LM End	15.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.125716 °	38.125716 °
				-121.166874 °	-121.166874 °
DWR ID	DWR_NA0017_08_s_2020_136				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_152_136_20201019_00309.jpg



View of rutting and depressions on surface road. Fall 2020

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.05	Rating **	A/W	Issue No.	1196	
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:38125						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 15.44)].						
FS Date: 5/20/2014						

Photo 1 of 3 : UCIP_FA_2020_38125_69352.jpg



Headwall at LS toe.

LM Start	15.05	Rating **	A/W	Issue No.	1196 (cont)
LM End	15.05	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38125_69351.jpg



Headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.05	Rating **	A/W	Issue No.	1196 (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_2020_38125_69350.jpg



Headwall and flapgate at WS toe.

LM Start	15.17	Rating **	M	Issue No.	156
LM End	15.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.126298 °	38.126370 °
				-121.164820 °	-121.164459 °
DWR ID	DWR_NA0017_08_s_2019_156				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.62	Rating **	A/W	Issue No.	1204	
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:38122 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 3 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.02)]. FS Date: 5/20/2014						

Photo 1 of 3 : UCIP_FA_2020_38122_69342.jpg



Headwall on LS toe.

LM Start	15.62	Rating **	A/W	Issue No.	1204 (cont)
LM End	15.62	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38122_69341.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.62	Rating **	A/W	Issue No.	1204 (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 3 of 3 : UCIP_FA_2020_38122_69340.jpg



Inside pipe at LS toe.

LM Start	15.75	Rating **	A/W	Issue No.	1205
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:38121
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 1.5 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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.15)].
 FS Date: 5/20/2014

Photo 1 of 3 : UCIP_FA_2020_38121_69337.jpg



Headwall, flapgate, and grouted spillway on 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 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.75	Rating **	A/W	Issue No.	1205 (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 2 of 3 : UCIP_FA_2020_38121_69336.jpg



Headwall on LS toe.

LM Start	15.75	Rating **	A/W	Issue No.	1205 (cont)
LM End	15.75	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38121_69335.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.82	Rating **	A/W	Issue No.	1206
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				
Comment Code					
Inspector Comment					
DS_ID:23786 FS_ID:38120 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.22)]. FS Date: 5/20/2014					

Photo 1 of 3 : UCIP_FA_2020_38120_69333.jpg



Headwall at LS toe.

LM Start	15.82	Rating **	A/W	Issue No.	1206 (cont)
LM End	15.82	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38120_69332.jpg



Headwall and flapgate at WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.82	Rating **	A/W	Issue No.	1206 (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 3 of 3 : UCIP_FA_2020_38120_69331.jpg



Headwall at LS toe.

LM Start	15.83	Rating **	M	Issue No.	157
LM End	15.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130449 °	38.130449 °
				-121.154492 °	-121.154492 °
DWR ID	DWR_NA0017_08_s_2019_157				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	15.85	Rating **	M	Issue No.	158
LM End	15.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130678 °	38.130678 °
				-121.154249 °	-121.154249 °
DWR ID	DWR_NA0017_08_s_2019_158				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.88	Rating **	A/W	Issue No.	1207
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:38119					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
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, 1990. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 16.27)].					
FS Date: 5/20/2014					

Photo 1 of 3 : UCIP_FA_2020_38119_69328.jpg



Concrete headwall on LS toe.

LM Start	15.88	Rating **	A/W	Issue No.	1207 (cont)
LM End	15.88	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38119_69327.jpg



Flapgate and headwall on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/14/2020 10/14/2020	Alberto De Leon

LM Start	15.88	Rating **	A/W	Issue No.	1207 (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_2020_38119_69326.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.09	Rating **	A/W	Issue No.	24
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:38975 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch CM drainage pipe through the levee, 9.5-feet below the crown. Concrete "U" headwall on both ends. Flap gate on the waterward end. Cobble grouted spillway. Cobble grouted intake on the landward side. O&M Manual Bear Creek Part 2, 1967. Included in O&M Manual Bear Creek Addendum, February 1999. [Additional Reference(s): DWR Levee Log, 1977, 1978, 1987, 1990. USACE San Joaquin O&M Manual Unit 612, Part No. 2 - Bear Creel Project, 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, 1967, (HLM 1.52)] FS Date: 6/19/2014					

Photo 1 of 3 : UCIP_FA_2020_38975_71120.jpg



Pipe and headwall on LS toe.

LM Start	0.09	Rating **	A/W	Issue No.	24 (cont)
LM End	0.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38975_71119.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.09	Rating **	A/W	Issue No.	24 (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_2020_38975_71123.jpg



Inside pipe at LS toe.

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.094295 °	38.094295 °
				-121.173200 °	-121.173200 °
DWR ID	DWR_NA0017_09_s_2020_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	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					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.51	Rating **	M	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 trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.55	Rating **	A/W	Issue No.	25	
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:38973 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on both ends. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.56)]. FS Date: 6/19/2014						

Photo 1 of 3 : UCIP_FA_2020_38973_71110.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.55	Rating **	A/W	Issue No.	25 (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_2020_38973_71109.jpg



Pipe and headwall on LS toe.

LM Start	0.55	Rating **	A/W	Issue No.	25 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38973_71108.jpg



Inside pipe at LS toe.

LM Start	0.59	Rating **	C	Issue No.	15
LM End	1.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.094982 °	38.094065 °
				-121.166176 °	-121.151090 °
DWR ID	DWR_NA0017_09_s_2020_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.61	Rating **	A/W	Issue No.	26	
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:38972 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: Suction hose and appurtances appear to be abandoned. 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. Cobble grouted spillway. Cobble grouted intake on the landside (LS). Pump with suction hose sleeved through storm drainage pipe located on the LS, removed during winter months. (Suction hose sleeved through pipe under Permit No. 11530, 1976 - Constantine M. Coppulos). [Additional Reference(s): DWR Levee Log, 1987. 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: 6/19/2014						

Photo 1 of 3 : UCIP_FA_2020_38972_71105.jpg



Pipe and headwall on LS toe.

LM Start	0.61	Rating **	A/W	Issue No.	26 (cont)
LM End	0.61	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38972_71104.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.61	Rating **	A/W	Issue No.	26 (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_2020_38972_71103.jpg



Pipe and headwall on LS toe.

LM Start	0.80	Rating **	C	Issue No.	21
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.094206 °	38.094206 °
				-121.162606 °	-121.162606 °
DWR ID	DWR_NA0017_09_s_2020_21				
Comment Code					
S3 : 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 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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.85	Rating **	A/W	Issue No.	27
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:38971 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.86)]. FS Date: 6/19/2014					

Photo 1 of 3 : UCIP_FA_2020_38971_71100.jpg



Pipe and headwall on LS toe.

LM Start	0.85	Rating **	A/W	Issue No.	27 (cont)
LM End	0.85	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38971_71099.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.85	Rating **	A/W	Issue No.	27 (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 3 of 3 : UCIP_FA_2020_38971_71098.jpg



Pipe and headwall on LS toe.

LM Start	0.93	Rating **	M	Issue No.	28
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:41812
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Sediment buildup inside pipe.
 FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe through the levee, 7 feet below the crown. Headwall on the landside (LS) toe. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612 (addendum), February 1999, (HLM 0.93) (Station 49+30)].
 FS Date: 6/19/2014

Photo 1 of 3 : UCIP_FA_2020_41812_71095.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.93	Rating **	M	Issue No.	28 (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 2 of 3 : UCIP_FA_2020_41812_71094.jpg



Pipe and headwall on LS toe.

LM Start	0.93	Rating **	M	Issue No.	28 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41812_71093.jpg



Inside pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.02	Rating **	A/W	Issue No.	29	
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:38969 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.03)]. FS Date: 6/19/2014						

Photo 1 of 3 : UCIP_FA_2020_38969_71090.jpg



Pipe and headwall on LS toe.

LM Start	1.02	Rating **	A/W	Issue No.	29 (cont)
LM End	1.02	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38969_71089.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.02	Rating **	A/W	Issue No.	29 (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_2020_38969_71088.jpg



Inside pipe at LS toe.

LM Start	1.08	Rating **	A/W	Issue No.	30
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:38968
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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. One corrugated metal cutoff wall. Cobble grouted spillway. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1987. 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: 6/19/2014

Photo 1 of 3 : UCIP_FA_2020_38968_71085.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.08	Rating **	A/W	Issue No.	30 (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_2020_38968_71084.jpg



Pipe, flapgate, and grouted spillway on WS toe.

LM Start	1.08	Rating **	A/W	Issue No.	30 (cont)
LM End	1.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38968_71083.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.16	Rating **	A/W	Issue No.	31
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:38967 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Headwall on the landside (LS) toe. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. 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: 6/19/2014					

Photo 1 of 3 : UCIP_FA_2020_38967_71079.jpg



Pipe and headwall on LS toe.

LM Start	1.16	Rating **	A/W	Issue No.	31 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38967_71078.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.16	Rating **	A/W	Issue No.	31 (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_2020_38967_71082.jpg



Inside pipe at LS toe.

LM Start	1.22	Rating **	A/W	Issue No.	32
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:38997
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 12-inch corrugated metal storm drainage pipe through the levee, 6.5 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. 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: 6/19/2014

Photo 1 of 3 : UCIP_FA_2020_38997_71074.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.22	Rating **	A/W	Issue No.	32 (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_2020_38997_71073.jpg



Pipe, flapgate, and grouted spillway on WS toe.

LM Start	1.22	Rating **	A/W	Issue No.	32 (cont)
LM End	1.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38997_71077.jpg



Headwall on LS toe.

LM Start	1.22	Rating **	C	Issue No.	20
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.094398 °	38.094398 °
				-121.154790 °	-121.154790 °
DWR ID	DWR_NA0017_09_s_2020_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.26	Rating **	C	Issue No.	19
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.094245 °	38.094245 °	
			-121.154222 °	-121.154222 °	
DWR ID	DWR_NA0017_09_s_2020_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.43	Rating **	C	Issue No.	14
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.094066 °	38.094066 °	
			-121.151088 °	-121.151088 °	
DWR ID	DWR_NA0017_09_s_2020_14				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

No Photos

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

**** Rating**
 A : Acceptable 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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.44	Rating **	M	Issue No.	33	
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:38977 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Flapgate blocked by soil and possibly concrete on WS slope. FIELD_STRUCT_DESC: 21-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. 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: 6/19/2014						

LM Start	1.44	Rating **	M	Issue No.	33 (cont)
LM End	1.44	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38977_71064.jpg



Concrete headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_38977_71063.jpg



Pipe, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.44	Rating **	M	Issue No.	33 (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_2020_38977_71067.jpg



Inside pipe at LS toe.

LM Start	1.45	Rating **	A/W	Issue No.	34
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:38963
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 21-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1987. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.47)].
 FS Date: 6/19/2014

Photo 1 of 3 : UCIP_FA_2020_38963_71061.jpg



Pipe 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.45	Rating **	A/W	Issue No.	34 (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_2020_38963_70883.jpg



Pipe visible on LS toe.

LM Start	1.45	Rating **	A/W	Issue No.	34 (cont)
LM End	1.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38963_71060.jpg



Pipe visible on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.03	Rating **	A/W	Issue No.	24
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:38567					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
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). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.03)].					
FS Date: 6/12/2014					

Photo 1 of 3 : UCIP_FA_2020_38567_70661.jpg



Headwall, flapgate, and grouted spillway on WS slope.

LM Start	0.03	Rating **	A/W	Issue No.	24 (cont)
LM End	0.03	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38567_70660.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.03	Rating **	A/W	Issue No.	24 (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_2020_38567_70659.jpg



Headwall at LS toe.

LM Start	0.24	Rating **	A/W	Issue No.	25
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:38568
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.24)].
 FS Date: 6/12/2014

Photo 1 of 3 : UCIP_FA_2020_38568_70666.jpg



Headwall, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.24	Rating **	A/W	Issue No.	25 (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_2020_38568_70665.jpg



Headwall at LS toe.

LM Start	0.24	Rating **	A/W	Issue No.	25 (cont)
LM End	0.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38568_70664.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.36	Rating **	A/W	Issue No.	26	
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:38994 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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 0.36)]. FS Date: 6/19/2014						

Photo 1 of 3 : UCIP_FA_2020_38994_71165.jpg



Pipe and headwall on LS toe.

LM Start	0.36	Rating **	A/W	Issue No.	26 (cont)
LM End	0.36	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38994_71164.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.36	Rating **	A/W	Issue No.	26 (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_2020_38994_71163.jpg



Inside pipe at LS toe.

LM Start	0.40	Rating **	M	Issue No.	14
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.095116 °	38.095116 °
				-121.167494 °	-121.167494 °
DWR ID	DWR_NA0017_10_f_2019_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.41	Rating **	M	Issue No.	20
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.095154 °	38.095154 °
				-121.167280 °	-121.167280 °
DWR ID	DWR_NA0017_10_s_2020_20				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.45	Rating **	A/W	Issue No.	27
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:38992 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.46)]. FS Date: 6/19/2014					

LM Start	0.45	Rating **	A/W	Issue No.	27 (cont)
LM End	0.45	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38992_71158.jpg



Pipe and headwall on LS toe.

Photo 2 of 3 : UCIP_FA_2020_38992_71157.jpg



Pipe, headwall, flapgate, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.45	Rating **	A/W	Issue No.	27 (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 3 of 3 : UCIP_FA_2020_38992_71156.jpg



Pipe and headwall on LS toe.

LM Start	0.48	Rating **	M	Issue No.	16
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.095320 °	38.095320 °
				-121.166098 °	-121.166098 °
DWR ID	DWR_NA0017_10_f_2019_16				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.55	Rating **	M	Issue No.	23
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.095047 °	38.095047 °
				-121.164881 °	-121.164881 °
DWR ID	DWR_NA0017_10_s_2020_23				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.57	Rating **	A/W	Issue No.	28	
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:38990						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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). (Temporary 3-inch polyvinyl chloride drainage pipe sleeved through drainage pipe with portable LS pump under Permit No. 11617, 1976 - Tom Patterson). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.58)].						
FS Date: 6/19/2014						

LM Start	0.57	Rating **	A/W	Issue No.	28 (cont)
LM End	0.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38990_71153.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

Photo 2 of 3 : UCIP_FA_2020_38990_71152.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.57	Rating **	A/W	Issue No.	28 (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_2020_38990_71151.jpg



Pipe and headwall on LS toe.

LM Start	0.59	Rating **	M	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 trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.86	Rating **	A/W	Issue No.	29
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:38989 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.86)]. FS Date: 6/19/2014					

LM Start	0.86	Rating **	A/W	Issue No.	29 (cont)
LM End	0.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38989_71148.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

Photo 2 of 3 : UCIP_FA_2020_38989_71147.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.86	Rating **	A/W	Issue No.	29 (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_2020_38989_71146.jpg



Pipe and headwall on LS toe.

LM Start	1.08	Rating **	A/W	Issue No.	30
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:38988
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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 1.09)].
 FS Date: 6/19/2014

Photo 1 of 3 : UCIP_FA_2020_38988_71144.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.08	Rating **	A/W	Issue No.	30 (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_2020_38988_71143.jpg



Pipe and headwall on LS toe.

LM Start	1.08	Rating **	A/W	Issue No.	30 (cont)
LM End	1.08	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38988_71142.jpg



Inside pipe at LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.32	Rating **	A/W	Issue No.	31
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:38987 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.33)]. FS Date: 6/19/2014					

Photo 1 of 3 : UCIP_FA_2020_38987_71139.jpg



Pipe, headwall, flapgate, and grouted spillway on WS toe.

LM Start	1.32	Rating **	A/W	Issue No.	31 (cont)
LM End	1.32	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38987_71138.jpg



Pipe and 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.34	Rating **	A/W	Issue No.	32 (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_2020_51721_71133.jpg



Pipe on LS toe.

LM Start	1.34	Rating **	A/W	Issue No.	32 (cont)
LM End	1.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_51721_71132.jpg



Pipe on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.16)]. FS Date: 7/3/2020						

LM Start	0.16	Rating **	M	Issue No.	207 (cont)
LM End	0.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59640_86887.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59640_86888.jpg



Pipe inlet and headwall at 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	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 3 of 3 : UCIP_FA_2020_59640_86889.jpg



Pipe inlet, headwall, and flap gate at LS levee toe.

LM Start	0.39	Rating **	M	Issue No.	49
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.100422 °	38.100961 °
				-121.169196 °	-121.168940 °
DWR ID	DWR_NA0017_11_f_2020_49				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	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) Slide gate does not function properly up or down. 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. 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_2020_59641_86893.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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San Joaquin County Flood Control and Water Conservation District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	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_2020_59642_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_2020_59642_86908.jpg



Pipe inlet and headwall at the LS levee toe.

LM Start	0.53	Rating **	M	Issue No.	48
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.102302 °	38.102700 °
				-121.168079 °	-121.166940 °
DWR ID	DWR_NA0017_11_f_2020_48				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	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: Unauthorized Encroachment, installed decades prior 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)Pipe filled in with soil on the LS toe and appears to be temporarily abandoned. 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 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_2020_59643_86911.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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 2020

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	10/15/2020 10/15/2020	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_2020_59643_86913.jpg



Pipe outlet, headwall, and flap gate at the WS levee toe.

LM Start	0.69	Rating **	M	Issue No.	47
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.103831 °	38.105609 °
				-121.166248 °	-121.166259 °
DWR ID	DWR_NA0017_11_f_2020_47				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	1.06	Rating **	M	Issue No.	212	
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.07)]. FS Date: 7/3/2020						

LM Start	1.06	Rating **	M	Issue No.	212 (cont)
LM End	1.06	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59645_86934.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59645_86930.jpg



View of 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	1.14	Rating **	M	Issue No.	213 (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 2 of 3 : UCIP_FA_2020_59646_86937.jpg



Pipe inlet, headwall, and slide gate at the LS levee toe.

LM Start	1.14	Rating **	M	Issue No.	213 (cont)
LM End	1.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59646_86938.jpg



View of WS channel looking from the levee crown.

LM Start	1.21	Rating **	M	Issue No.	46
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.109664 °	38.109846 °
				-121.163486 °	-121.161033 °
DWR ID	DWR_NA0017_11_f_2020_46				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	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			38.111824 °	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: Unauthorized Encroachment, installed decades prior						
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) Slide gate may be rusted shut or does not						
function. Heavy sediment buildup in pipe. Lid on CMP riser needs						
repair.						
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. USACE San Joaquin						
O&M Manual 612.2, 1967, (HLM 1.51)].						
FS Date: 7/3/2020						

LM Start	1.50	Rating **	M	Issue No.	214 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59647_86960.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59647_86961.jpg



Two pipe inlets 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
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San Joaquin County Flood Control and Water Conservation District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	1.50	Rating **	M	Issue No.	215 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_59648_86966.jpg



Two pipe inlets and headwall at the LS levee toe.

LM Start	1.50	Rating **	M	Issue No.	215 (cont)
LM End	1.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59648_86967.jpg



Two risers and slide gates on the WS levee slope.

LM Start	1.58	Rating **	U	Issue No.	42
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.112401 °	38.112702 °
				-121.158875 °	-121.158873 °
DWR ID	DWR_NA0017_11_f_2019_42				
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_2020_NA0017_155_42_20200901_00009.jpg



View of multiple animal burrows on landside slope. Fall 2019

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	1.81	Rating **	M	Issue No.	216	
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					
Comment Code						
Inspector Comment						
DS_ID:23872 FS_ID:59649 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.82)]. FS Date: 7/3/2020						

LM Start	1.81	Rating **	M	Issue No.	216 (cont)
LM End	1.81	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59649_86978.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59649_86979.jpg



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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	1.81	Rating **	M	Issue No.	216 (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 3 of 3 : UCIP_FA_2020_59649_86980.jpg



Overview of WS channel looking from the levee crown.

LM Start	1.83	Rating **	M	Issue No.	43
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.114726 °	38.116143 °
				-121.156001 °	-121.154892 °
DWR ID	DWR_NA0017_11_f_2020_43				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.04	Rating **	M	Issue No.	218	
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: Unauthorized Encroachment, installed decades prior 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. 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.	218 (cont)
LM End	2.04	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59651_86988.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.12	Rating **	M	Issue No.	219 (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_2020_59652_86992.jpg



View of pipe inlet at the LS levee toe.

LM Start	2.12	Rating **	M	Issue No.	219 (cont)
LM End	2.12	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.20	Rating **	M	Issue No.	220	
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: Unauthorized Encroachment, installed decades prior 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)Concrete inlet at LS of East Kettleman road is damaged...may or may not be a hazard. 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.22)]. FS Date: 7/3/2020						

Photo 1 of 3 : UCIP_FA_2020_59653_86996.jpg



Overview of levee crown looking d/s.

LM Start	2.20	Rating **	M	Issue No.	220 (cont)
LM End	2.20	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_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
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San Joaquin County Flood Control and Water Conservation District

Page 20 of 35

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.22	Rating **	M	Issue No.	223 (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_2020_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.	223 (cont)
LM End	2.22	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59656_87023.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

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 trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.43	Rating **	M	Issue No.	225	
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: Unauthorized Encroachment, installed decades prior 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. 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.	225 (cont)
LM End	2.43	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59658_87027.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.43	Rating **	M	Issue No.	225 (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_2020_59658_87029.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.46	Rating **	M	Issue No.	226
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: Unauthorized Encroachment, installed decades prior
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.48)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2020_59659_87030.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.46	Rating **	M	Issue No.	226 (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 2 of 3 : UCIP_FA_2020_59659_87031.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.46	Rating **	M	Issue No.	226 (cont)
LM End	2.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59659_87032.jpg



View of pipe outlet and channel located on the WS.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.57	Rating **	M	Issue No.	227
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.58)]. FS Date: 7/3/2020					

LM Start	2.57	Rating **	M	Issue No.	227 (cont)
LM End	2.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59660_87034.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59660_87035.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.57	Rating **	M	Issue No.	227 (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 3 of 3 : UCIP_FA_2020_59660_87036.jpg



View of pipe outlet, flap gate, headwall, and splash apron located on the WS levee slope.

LM Start	2.71	Rating **	A/W	Issue No.	229
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:59670
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue: Compliant
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.73)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2020_59670_87045.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.71	Rating **	A/W	Issue No.	229 (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 2 of 3 : UCIP_FA_2020_59670_87046.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.71	Rating **	A/W	Issue No.	229 (cont)
LM End	2.71	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59670_87047.jpg



View of pipe outlet, flap gate, headwall, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.86	Rating **	M	Issue No.	230
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.88)]. FS Date: 7/3/2020					

LM Start	2.86	Rating **	M	Issue No.	230 (cont)
LM End	2.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59663_87048.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59663_87049.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	2.86	Rating **	M	Issue No.	230 (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 3 of 3 : UCIP_FA_2020_59663_87050.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	3.02	Rating **	M	Issue No.	231
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: Abandoned encroachment
 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) Pipe abandoned and if so should be done so properly. Verify if possible pipe filled with concrete.
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.04)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2020_59665_87054.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.02	Rating **	M	Issue No.	231 (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 2 of 3 : UCIP_FA_2020_59665_87055.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	3.02	Rating **	M	Issue No.	231 (cont)
LM End	3.02	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59665_87056.jpg



View of pipe outlet and WS channel.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.13	Rating **	M	Issue No.	232
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: Unauthorized Encroachment, installed decades prior					
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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.15)].					
FS Date: 7/3/2020					

LM Start	3.13	Rating **	M	Issue No.	232 (cont)
LM End	3.13	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59666_87058.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_59666_87059.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.13	Rating **	M	Issue No.	232 (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 3 of 3 : UCIP_FA_2020_59666_87060.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	3.45	Rating **	M	Issue No.	234
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 1 of 3 : UCIP_FA_2020_59668_87065.jpg



Overview of levee crown looking d/s.

Comment Code					
Inspector Comment					
DS_ID:23895 FS_ID:59668 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.47)]. FS Date: 7/3/2020					

* 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 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.45	Rating **	M	Issue No.	234 (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 2 of 3 : UCIP_FA_2020_59668_87066.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	3.45	Rating **	M	Issue No.	234 (cont)
LM End	3.45	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59668_87067.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.53	Rating **	M	Issue No.	235	
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: Unauthorized Encroachment, installed decades prior 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. 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.	235 (cont)
LM End	3.53	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59669_87068.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/15/2020 10/15/2020	Alberto De Leon

LM Start	3.53	Rating **	M	Issue No.	235 (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_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.14	Rating **	M	Issue No.	110
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: Unauthorized Encroachment, installed decades prior 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. 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.	110 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59601_87072.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.14	Rating **	M	Issue No.	110 (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_2020_59601_87074.jpg



Two pipe outlets, flap gates, and headwall located on the WS berm.

LM Start	0.15	Rating **	M	Issue No.	111
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 1 of 3 : UCIP_FA_2020_59602_87076.jpg



Overview of levee crown looking d/s.

Comment Code					
Inspector Comment					
DS_ID:23930 FS_ID:59602 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Unauthorized Encroachment, installed decades prior 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)No lid on riser and slide gate actuator rusted in place. 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.14) 36-inch pipe listed]. FS Date: 7/7/2020					

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.15	Rating **	M	Issue No.	111 (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_2020_59602_87077.jpg



Two risers and gate valves located on the WS levee slope.

LM Start	0.15	Rating **	M	Issue No.	111 (cont)
LM End	0.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_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 M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.40	Rating **	M	Issue No.	112	
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.40)]. FS Date: 7/7/2020						

LM Start	0.40	Rating **	M	Issue No.	112 (cont)
LM End	0.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59603_87080.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.40	Rating **	M	Issue No.	112 (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_2020_59603_87082.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.45	Rating **	M	Issue No.	40
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.101463 °	38.101598 °
				-121.168084 °	-121.168011 °
DWR ID	DWR_NA0017_12_f_2020_40				
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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.48	Rating **	M	Issue No.	113	
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: Unauthorized Encroachment, installed decades prior 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. 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.	113 (cont)
LM End	0.48	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59605_87089.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.48	Rating **	M	Issue No.	113 (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_2020_59605_87091.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	0.61	Rating **	M	Issue No.	114
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: Unauthorized Encroachment, installed decades prior
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.61)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.61	Rating **	M	Issue No.	114 (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_2020_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.	114 (cont)
LM End	0.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59606_87094.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.77	Rating **	M	Issue No.	115	
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: Unauthorized Encroachment, installed decades prior 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. 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.	115 (cont)
LM End	0.77	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59607_87095.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.77	Rating **	M	Issue No.	115 (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_2020_59607_87097.jpg



View of pipe inlet and headwall located at the LS levee toe.

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 trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.31	Rating **	C	Issue No.	47
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.109748 °	38.111857 °
				-121.160263 °	-121.158741 °
DWR ID	DWR_NA0017_12_s_2020_47				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.31	Rating **	C	Issue No.	46
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.109748 °	38.116523 °
				-121.160263 °	-121.154192 °
DWR ID	DWR_NA0017_12_s_2020_46				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.52	Rating **	M	Issue No.	116	
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.51)]. FS Date: 7/7/2020						

Photo 1 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.52	Rating **	M	Issue No.	116 (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_2020_59608_87099.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	1.52	Rating **	M	Issue No.	116 (cont)
LM End	1.52	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.90	Rating **	M	Issue No.	117	
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: Unauthorized Encroachment, installed decades prior 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)Pipe is covered with soil at inlet on LS. 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.90)]. FS Date: 7/7/2020						

Photo 1 of 3 : UCIP_FA_2020_59609_87101.jpg



Overview of levee crown looking d/s.

LM Start	1.90	Rating **	M	Issue No.	117 (cont)
LM End	1.90	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.90	Rating **	M	Issue No.	117 (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_2020_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.	118
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: Unauthorized Encroachment, installed decades prior
 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) Pipe buried on both ends and appears to be abandoned. If so, it should be done so properly.
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.96)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.96	Rating **	M	Issue No.	118 (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_2020_59610_87105.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	1.96	Rating **	M	Issue No.	118 (cont)
LM End	1.96	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	120
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: Unauthorized Encroachment, installed decades prior 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. 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.	120 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59613_87120.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.15	Rating **	M	Issue No.	120 (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_2020_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.	123
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: Unauthorized Encroachment, installed decades prior
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.16)].
 FS Date: 7/7/2020

Photo 1 of 3 : UCIP_FA_2020_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 N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.16	Rating **	M	Issue No.	123 (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_2020_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.	123 (cont)
LM End	2.16	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59617_87136.jpg



View of pipe inlet and headwall located at the LS levee toe.

LM Start	2.30	Rating **	M	Issue No.	38
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.118278 °	38.118834 °
				-121.148458 °	-121.147944 °
DWR ID	DWR_NA0017_12_f_2020_38				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.36	Rating **	M	Issue No.	125
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: Unauthorized Encroachment, installed decades prior 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. 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.	125 (cont)
LM End	2.36	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_59624_87162.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.61	Rating **	M	Issue No.	126 (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 2 of 3 : UCIP_FA_2020_59626_87170.jpg



View of pipe outlet and spillway located at the WS levee toe.

LM Start	2.61	Rating **	M	Issue No.	126 (cont)
LM End	2.61	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59626_87171.jpg



View of pipe outlet and spillway located at the WS levee toe.

LM Start	2.61	Rating **	C	Issue No.	39
LM End	3.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.121472 °	38.131695 °
				-121.145414 °	-121.138441 °
DWR ID	DWR_NA0017_12_s_2019_39				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.72	Rating **	M	Issue No.	130	
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: Unauthorized Encroachment, installed decades prior 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.72)]. FS Date: 7/7/2020						

Photo 1 of 3 : UCIP_FA_2020_59630_87211.jpg



Overview of levee crown looking d/s.

LM Start	2.72	Rating **	M	Issue No.	130 (cont)
LM End	2.72	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_59630_87212.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.72	Rating **	M	Issue No.	130 (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 3 of 3 : UCIP_FA_2020_59630_87213.jpg



View of pipe outlet, flap gate, and headwall located at the WS levee toe.

LM Start	2.94	Rating **	A/W	Issue No.	131
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: Compliant
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 2.95)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2020_59632_87220.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	2.94	Rating **	A/W	Issue No.	131 (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 2 of 3 : UCIP_FA_2020_59632_87222.jpg



Overview of the LS and pipe inlet location.

LM Start	2.94	Rating **	A/W	Issue No.	131 (cont)
LM End	2.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_59632_87221.jpg



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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	3.09	Rating **	U	Issue No.	132	
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: 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_2020_59674_87230.jpg



Overview of levee crown looking d/s.

LM Start	3.09	Rating **	U	Issue No.	132 (cont)
LM End	3.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_59674_87231.jpg



View of two drainage pipe outlets 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
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San Joaquin County Flood Control and Water Conservation District

San Joaquin County Flood Control and Water Conservation District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	3.23	Rating **	U	Issue No.	134
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: 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)No flap gate 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.25)]. FS Date: 7/3/2020					

Photo 1 of 3 : UCIP_FA_2020_59676_87247.jpg



Overview of levee crown looking d/s.

LM Start	3.23	Rating **	U	Issue No.	134 (cont)
LM End	3.23	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	3.23	Rating **	U	Issue No.	134 (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 3 of 3 : UCIP_FA_2020_59676_87249.jpg



View of pipe inlet located 50 to 100 feet off the LS levee toe.

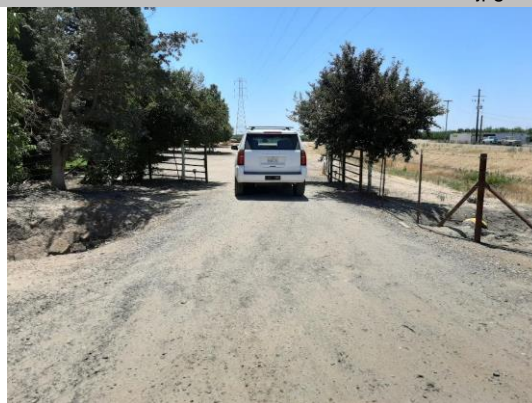
LM Start	3.51	Rating **	M	Issue No.	137
LM End	3.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.131725 °	38.131725 °
				-121.138422 °	-121.138422 °
DWR ID	23920				

Comment Code

Inspector Comment

DS_ID:23920
 FS_ID:59638
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: Unauthorized Encroachment, installed decades prior
 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 3.52)].
 FS Date: 7/3/2020

Photo 1 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	3.51	Rating **	M	Issue No.	137 (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_2020_59638_87258.jpg



View of WS channel and splash apron.

LM Start	3.51	Rating **	M	Issue No.	137 (cont)
LM End	3.51	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.109355 °	38.110832 °
				-121.160448 °	-121.151129 °
DWR ID	DWR_NA0017_13_f_2020_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Vegetation is well maintained in this section.					

Photo 1 of 1 : FA_2020_NA0017_157_12_20201020_00030.jpg



View of well maintained vegetation on waterside slope. Fall 2020

LM Start	0.03	Rating **	M	Issue No.	14	
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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.03)]. FS Date: 7/7/2020						

Photo 1 of 3 : UCIP_FA_2020_58900_86685.jpg



Top of Levee: View of levee crown looking downstream

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.03	Rating **	M	Issue No.	14 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_58900_86686.jpg



Water-Side: View of pipe, headwall, and flapgate.

LM Start	0.03	Rating **	M	Issue No.	14 (cont)
LM End	0.03	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_58900_86687.jpg



Water-Side: View of headwall, spillway and channel.

LM Start	0.49	Rating **	M	Issue No.	13
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.110330 °	38.110833 °
				-121.151760 °	-121.151130 °
DWR ID	DWR_NA0017_13_f_2020_13				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.55	Rating **	M	Issue No.	16	
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						

LM Start	0.55	Rating **	M	Issue No.	16 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_58902_86734.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2020_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
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San Joaquin County Flood Control and Water Conservation District

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.57	Rating **	M	Issue No.	19 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_58905_86743.jpg



Overview of Levee: View of levee crown looking downstream.

LM Start	0.57	Rating **	M	Issue No.	19 (cont)
LM End	0.57	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_58905_86742.jpg



Land-Side: view of pipe, headwall and 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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	20	
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						

LM Start	0.86	Rating **	M	Issue No.	20 (cont)
LM End	0.86	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_58906_86746.jpg



Overview of Levee: View of levee crown looking downstream.

Photo 2 of 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.86	Rating **	M	Issue No.	20 (cont)
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				

Photo 3 of 3 : UCIP_FA_2020_58906_86748.jpg



Water-Side: view of headwall and spillway to channel

LM Start	1.04	Rating **	M	Issue No.	21
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 3 : UCIP_FA_2020_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.04	Rating **	M	Issue No.	21 (cont)
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				

Photo 2 of 3 : UCIP_FA_2020_58907_86750.jpg



Land-Side: view of pipe and headwall.

LM Start	1.04	Rating **	M	Issue No.	21 (cont)
LM End	1.04	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_58907_86751.jpg



Overview of Levee: View of levee crown looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.12	Rating **	M	Issue No.	22	
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						

LM Start	1.12	Rating **	M	Issue No.	22 (cont)
LM End	1.12	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_58908_86755.jpg



Water-Side: view of pipe with headwall and flapgate.

Photo 2 of 3 : UCIP_FA_2020_58908_86754.jpg



Overview of Levee: View of levee crown looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.12	Rating **	M	Issue No.	22 (cont)
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				

Photo 3 of 3 : UCIP_FA_2020_58908_86753.jpg



Land-Side: view of pipe and headwall.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.02	Rating **	A/W	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:38623					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
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. Cobble grouted intake on the landside (LS). [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.02)].					
FS Date: 6/12/2014 1:05:17 PM					

Photo 1 of 3 : UCIP_FA_2020_38623_70782.jpg



Pipe at inlet on LS shoulder.

LM Start	0.02	Rating **	A/W	Issue No.	23 (cont)
LM End	0.02	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_38623_70781.jpg



Pipe at inlet on LS shoulder.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	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_2020_38615_70777.jpg



Pipe at inlet on LS shoulder.

LM Start	0.25	Rating **	M	Issue No.	24 (cont)
LM End	0.25	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38615_70776.jpg



Pipe at inlet on LS shoulder.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	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:38614 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Pipe burried on WS slope. FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, 1 foot below the crown. Flap gate on the waterside (WS) end. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.38)]. FS Date: 6/12/2014					

LM Start	0.37	Rating **	M	Issue No.	25 (cont)
LM End	0.37	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_38614_70774.jpg



Pipe just visible on LS shoulder.

Photo 2 of 3 : UCIP_FA_2020_38614_70773.jpg



Pipe just visible on LS shoulder.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.46	Rating **	A/W	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_2020_38613_70770.jpg



Inlet on LS shoulder.

LM Start	0.46	Rating **	A/W	Issue No.	26 (cont)
LM End	0.46	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38613_70769.jpg



Inside pipe at LS shoulder.

LM Start	0.54	Rating **	M	Issue No.	20
LM End	0.54	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.111338 °	38.111338 °
				-121.151031 °	-121.151031 °
DWR ID	DWR_NA0017_14_f_2020_20				
Comment Code					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	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:53502						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: 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 drainage pipe through the levee, 2.5 feet below the crown. Pipe open on both ends. Inlet is located at the end of a drainage ditch along the road. Cobble grouted spillway on the waterside (WS). [Additional Reference(s): DWR Levee Log, 1977, 1978, 1987, 1990. USACE San Joaquin O&M Manual Unit 612, Part No. 2 - Bear Creel Project, 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, 1967, (HLM 0.55)].						
FS Date: 9/18/2018						

Photo 1 of 3 : UCIP_FA_2020_53502_70768.jpg



Pipe on LS toe.

LM Start	0.55	Rating **	M	Issue No.	27 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53502_70767.jpg



Pipe 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	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 3 of 3 : UCIP_FA_2020_53502_76739.jpg



Overview of levee crown at pipe crossing.

LM Start	0.56	Rating **	A/W	Issue No.	30
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:38610
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe under the road, 2.5 feet below the crown. Open on both ends. 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 0.57)].
 FS Date: 6/12/2014

Photo 1 of 3 : UCIP_FA_2020_38610_70764.jpg



Pipe and grouted spillway on WS

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.56	Rating **	A/W	Issue No.	30 (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_2020_38610_70763.jpg



Inside pipe at LS toe.

LM Start	0.56	Rating **	A/W	Issue No.	30 (cont)
LM End	0.56	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_38610_70762.jpg



Pipe at LS toe.

LM Start	0.57	Rating **	M	Issue No.	21
LM End	1.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.111538 °	38.112091 °
				-121.150685 °	-121.142641 °
DWR ID	DWR_NA0017_14_f_2020_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_158_21_20201020_00045.jpg



View of tall vegetation on landside slope. Fall 2020

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

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					

No Photos

LM Start	0.75	Rating **	M	Issue No.	31
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:41365 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Pipe open on both ends. Levee appears abandoned. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 1 foot below the crown. Cobble grouted spillway. Cobble grouted intake on the landside (LS). Open on both ends. [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.76)]. FS Date: 6/12/2014					

Photo 1 of 3 : UCIP_FA_2020_41365_70758.jpg



Pipe on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.75	Rating **	M	Issue No.	31 (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_2020_41365_70757.jpg



Pipe on WS slope.

LM Start	0.75	Rating **	M	Issue No.	31 (cont)
LM End	0.75	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41365_70756.jpg



Pipe on LS shoulder.

LM Start	0.75	Rating **	C	Issue No.	17
LM End	0.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.111370 °	38.111370 °
				-121.148009 °	-121.148009 °
DWR ID	DWR_NA0017_14_f_2019_17				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.94	Rating **	M	Issue No.	32	
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:41791						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Pipe burried on LS. Levee appears abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 12-inch corrugated metal drainage pipe through the levee, 2 feet below the crown. Open on both ends. Cobble grouted spillway. [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 0.95)].						
FS Date: 6/12/2014						

Photo 1 of 3 : UCIP_FA_2020_41791_70755.jpg



Pipe and grouted spillway on WS slope.

LM Start	0.94	Rating **	M	Issue No.	32 (cont)
LM End	0.94	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41791_70754.jpg



Pipe and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.94	Rating **	M	Issue No.	32 (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 3 of 3 : UCIP_FA_2020_41791_70753.jpg



Inside pipe at WS slope.

LM Start	0.96	Rating **	M	Issue No.	33
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:41792
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Pipe buried on LS shoulder and open on WS.
 Levee appears abandoned.
 FIELD_STRUCT_DESC: *ABANDONED* 18-inch corrugated metal drainage pipe through the levee, 3 feet below the crown. Open on both ends. 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 0.97)].
 FS Date: 6/12/2014

Photo 1 of 2 : UCIP_FA_2020_41792_70752.jpg



Pipe and grouted spillway on 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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	0.96	Rating **	M	Issue No.	33 (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 2 of 2 : UCIP_FA_2020_41792_70751.jpg



Pipe and grouted spillway on WS slope.

LM Start	1.11	Rating **	M	Issue No.	35
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:41793
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Pipe appears abandoned. Levee appears Abandoned.
 FIELD_STRUCT_DESC: *ABANDONED* 12-inch corrugated metal drainage pipe through the levee, 2.5 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. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.12)].
 FS Date: 6/12/2014

Photo 1 of 3 : UCIP_FA_2020_41793_70746.jpg



LS of levee at pipe. Pipe largely filled in with soil.

*** 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 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.11	Rating **	M	Issue No.	35 (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 2 of 3 : UCIP_FA_2020_41793_70745.jpg



LS of levee at pipe. Pipe largely filled in with soil.

LM Start	1.11	Rating **	M	Issue No.	35 (cont)
LM End	1.11	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_41793_70744.jpg



Pipe, flapgate, and grouted spillway on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	36	
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:41794 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Pipe open on both ends. Levee appears abandoned. FIELD_STRUCT_DESC: 48-inch reinforced concrete drainage pipe through the levee, 5.5 feet below the crown. Cobble grouted spillway. Cobble grouted intake on the landside (LS). Open on both ends. [Additional Reference(s): DWR Levee Log, 1978. USACE San Joaquin O&M Manual 612.2, 1967, (HLM 1.17)]. FS Date: 6/12/2014						

Photo 1 of 3 : UCIP_FA_2020_41794_70742.jpg



Pipe on WS toe.

LM Start	1.16	Rating **	M	Issue No.	36 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_41794_70741.jpg



Inside pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/20/2020 10/20/2020	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	36 (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 3 of 3 : UCIP_FA_2020_41794_70740.jpg



Pipe at LS intake.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	0.00	Rating **	A/W	Issue No.	1155
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			0.000000 °	0.000000 °
				0.000000 °	0.000000 °
DWR ID	DWR_NA0017_15_s_2014_1155				
Comment Code					
Inspector Comment					
This is the Upper Calaveras river channel. No levee exists.					

Photo 1 of 1 : FA_2020_NA0017_159_1155_20200901_00083.jpg



View of the dam at the starting of the Mormon slough.

LM Start	0.38	Rating **	M	Issue No.	12
LM End	1.29	Issue Type +	Ma	Location *	WS
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					
07/23/2020: 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.					

Photo 1 of 2 : SJR2019_NA0017U15RM22.91_02.JPG



7/23/2020: View of the erosion looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	0.38	Rating **	M	Issue No.	12 (cont)
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.045658 °	38.045658 °
				-121.023741 °	-121.023741 °
DWR ID	NA0017U15RM22.91				

Photo 2 of 2 : SJR2019_NA0017U15RM22.91_04.JPG



7/23/2020: Close-up view of the erosion looking upstream.

LM Start	1.16	Rating **	M	Issue No.	1158
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:34877
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Deformed inlet opening. Needs cleaning and clearing on inlet opening on landside.
 FIELD_STRUCT_DESC: 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: 4/9/2014

Photo 1 of 2 : UCIP_FA_2020_34877_62779.jpg



WS view: CM outfall pipe on channel 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	1.16	Rating **	M	Issue No.	1158 (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 2 : UCIP_FA_2020_34877_62778.jpg



LS view: CM inlet pipe. Pipe opening obstructed with debris.

LM Start	1.26	Rating **	C	Issue No.	301
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.040897 °	38.040897 °
				-121.028650 °	-121.028650 °
DWR ID	DWR_NA0017_15_s_2020_301				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.45	Rating **	N	Issue No.	1128	
LM End	1.45	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.040188 °		38.040188 °
				-121.031854 °		-121.031854 °
DWR ID	DWR_NA0017_15_s_2012_1128					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						

Photo 1 of 1 : FA_2020_NA0017_159_1128_20200901_00082.jpg



View of a tree stump on the landside shoulder of the levee.

*** 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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	1.46	Rating **	M	Issue No.	1159
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:40369 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Pipe needs cleaning and clearing on both pipe ends. FIELD_STRUCT_DESC: 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: 4/9/2014					

LM Start	1.46	Rating **	M	Issue No.	1159 (cont)
LM End	1.46	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_40369_62785.jpg



WS view: outlet CM pipe on levee slope.

Photo 2 of 3 : UCIP_FA_2020_40369_62784.jpg



WS view: inside view of the outlet pipe. Needs cleaning and clearing.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	1.46	Rating **	M	Issue No.	1159 (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 3 of 3 : UCIP_FA_2020_40369_62783.jpg



LS view: buried inlet pipe. Needs cleaning and clearing.

LM Start	2.05	Rating **	C	Issue No.	18
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.036294 °	38.036294 °
				-121.041089 °	-121.041089 °
DWR ID	DWR_NA0017_15_f_2019_18				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	2.35	Rating **	N	Issue No.	191
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.033208 °	38.033208 °
				-121.044796 °	-121.044796 °
DWR ID	DWR_NA0017_15_f_2016_191				
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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	2.46	Rating **	C	Issue No.	300
LM End	2.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.032048 °	38.032048 °	
			-121.046343 °	-121.046343 °	
DWR ID	DWR_NA0017_15_s_2020_300				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.50	Rating **	C	Issue No.	299
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.031616 °	38.031616 °	
			-121.046862 °	-121.046862 °	
DWR ID	DWR_NA0017_15_s_2020_299				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.63	Rating **	M	Issue No.	10
LM End	2.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.030118 °	38.029825 °	
			-121.048360 °	-121.048708 °	
DWR ID	DWR_NA0017_15_f_2018_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	3.78	Rating **	M	Issue No.	43
LM End	3.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.019119 °	38.019119 °
				-121.064034 °	-121.064034 °
DWR ID	DWR_NA0017_15_f_2012_43				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_43_20200901_00012.jpg



Slope instability on the waterside slope of the levee looking downstream.

LM Start	4.28	Rating **	C	Issue No.	124
LM End	4.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.013122 °	38.013122 °
				-121.068467 °	-121.068467 °
DWR ID	DWR_NA0017_15_s_2013_124				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.51	Rating **	M	Issue No.	11
LM End	4.51	Issue Type +	Ma	Location *	WS
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					
07/23/2020: 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 2 : SJR2019_DWR_NA0017_15_f_2015_133_02.JPG



7/23/2020: Looking down the levee slope. Dense vegetation is limiting the 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	4.51	Rating **	M	Issue No.	11 (cont)
LM End	4.51	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.009753 °	38.009753 °
				-121.069559 °	-121.069559 °
DWR ID	NA0017U15RM18.45				

Photo 2 of 2 : SJR2019_SP_2020_NA0017_159_133_20200228_00052.jpg



Spring 2016: View of the erosion on the waterside shoulder.

LM Start	4.51	Rating **	C	Issue No.	133
LM End	4.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.009753 °	38.009753 °
				-121.069559 °	-121.069559 °
DWR ID	DWR_NA0017_15_f_2015_133				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

No Photos

LM Start	4.58	Rating **	M	Issue No.	189
LM End	4.58	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.008883 °	38.008883 °
				-121.069850 °	-121.069850 °
DWR ID	DWR_NA0017_15_s_2019_189				
Comment Code					
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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	4.64	Rating **	C	Issue No.	188
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.007922 °	38.007922 °
				-121.070192 °	-121.070192 °
DWR ID	DWR_NA0017_15_s_2019_188				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	5.04	Rating **	A/W	Issue No.	1009
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.003021 °	38.003021 °
				-121.073658 °	-121.073658 °
DWR ID	DWR_NA0017_15_s_2012_1009				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_1009_20200901_00075.jpg



View of a slip in the waterward levee slope looking downstream.

LM Start	5.16	Rating **	A/W	Issue No.	142
LM End	10.94	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.001608 °	37.961947 °
				-121.074935 °	-121.159963 °
DWR ID	DWR_NA0017_15_s_2012_142				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
This portion of the unit contains a Non-Project Levee from LM 5.16 to LM 10.94. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	5.46	Rating **	A/W	Issue No.	1165	
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:34924						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Inlet CM pipe riser on landside shoulder. Pipe not found on waterside. Dense vegetation on channel bank. May need inlet cleaning.						
FIELD_STRUCT_DESC: 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: 4/9/2014						

LM Start	5.46	Rating **	A/W	Issue No.	1165 (cont)
LM End	5.46	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2020_34924_62867.jpg



WS view: no pipe and structure found on waterside. Dense vegetation on channel bank.

Photo 2 of 2 : UCIP_FA_2020_34924_62866.jpg



LS view: inside view of CMP inlet chamber.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	5.52	Rating **	A/W	Issue No.	5
LM End	5.52	Issue Type +	Ma	Location *	WS
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					
7/24/2020: 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.	5 (cont)
LM End	5.52	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U15RM17.67_02.JPG



7/24/2020: View of the erosion looking downstream.

Photo 2 of 3 : SJR2019_NA0017U15RM17.67_03.JPG



7/24/2020: Close-up view of the erosion.

LM Start	5.52	Rating **	A/W	Issue No.	5 (cont)
LM End	5.52	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U15RM17.67_05.JPG



7/24/2020: Close-up view of the erosion 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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	7.67	Rating **	A/W	Issue No.	14
LM End	7.67	Issue Type +	Ma	Location *	WS
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					
07/24/2020: 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.					

LM Start	7.67	Rating **	A/W	Issue No.	14 (cont)
LM End	7.67	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_DWR_NA0017_15_f_2017_162_02.JPG



7/24/2020: View of the erosion on the upper slope.

Photo 2 of 3 : SJR2019_DWR_NA0017_15_f_2017_162_03.JPG



7/24/2020: View of the erosion on the upper slope looking upstream.

LM Start	7.67	Rating **	A/W	Issue No.	14 (cont)
LM End	7.67	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_FA_2017_NA0017_159_20171023_00437.jpg



Fall 2017: View of slope instability on the waterside slope of the levee looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	7.96	Rating **	M	Issue No.	187
LM End	7.96	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.973714 °	37.973714 °
				-121.110653 °	-121.110653 °
DWR ID	DWR_NA0017_15_s_2018_187				
Comment Code					
Inspector Comment					
Vegetation in the channel could reduce flow capacity.					

Photo 1 of 1 : FA_2020_NA0017_159_187_20200901_00052.jpg



Vegetation in channel looking east.

LM Start	8.34	Rating **	C	Issue No.	294
LM End	8.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.969994 °	37.969662 °
				-121.115275 °	-121.117552 °
DWR ID	DWR_NA0017_15_s_2020_294				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	8.39	Rating **	A/W	Issue No.	146
LM End	8.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.969822 °	37.969822 °
				-121.116057 °	-121.116057 °
DWR ID	DWR_NA0017_15_s_2020_146				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This portion of the levee is non-project. Therefore, the rating was given as A/W.					

Photo 1 of 1 : FA_2020_NA0017_159_146_20200901_00034.jpg



Erosion was found on the waterside of the levee looking downstream.

*** Location**

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

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	8.39	Rating **	M	Issue No.	82
LM End	8.39	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.969776 °	37.969776 °
				-121.116070 °	-121.116070 °
DWR ID	DWR_NA0017_15_f_2020_82				
Comment Code					
Inspector Comment					
Clear out vegetation in the channel before the flow becomes more obstructed.					

Photo 1 of 1 : FA_2020_NA0017_159_82_20200901_00021.jpg



View of arundo on the waterside toe of the levee.

LM Start	8.43	Rating **	A/W	Issue No.	4
LM End	8.43	Issue Type +	Ma	Location *	WS
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					
7/24:2020: 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 2 : SJR2019_NA0017U15RM14.49_01.JPG



7/24/2020: View of the erosion from the crown.

LM Start	8.43	Rating **	A/W	Issue No.	4 (cont)
LM End	8.43	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2019_NA0017U15RM14.49_02.JPG



7/24/2020: Looking upstream. Erosion is covered by dense vegetation.

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	8.46	Rating **	M	Issue No.	1175	
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:40386						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Distorted inlet pipe opening on landside. No pipe found on waterside. Dense vegetation and steep slope on waterside.						
FIELD_STRUCT_DESC: 18-inch CM pipe through the levee, 1.0 feet below the crown. O&M Manual SJR Assumed 999.						
FS Date: 4/10/2014						

Photo 1 of 3 : UCIP_FA_2020_40386_63765.jpg



WS view: no pipe or appurtenances found on waterside. Dense vegetation.

LM Start	8.46	Rating **	M	Issue No.	1175 (cont)
LM End	8.46	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_40386_63764.jpg



LS view: distorted CM outlet pipe on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	8.69	Rating **	M	Issue No.	1176 (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 2 of 2 : UCIP_FA_2020_40387_62948.jpg



LS view: distorted CM inlet pipe. Partially buried.

LM Start	8.81	Rating **	A/W	Issue No.	22
LM End	8.83	Issue Type +	Ma	Location *	WS
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
7/24/2020: 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.

LM Start	8.81	Rating **	A/W	Issue No.	22 (cont)
LM End	8.83	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U15RM13.87_02.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U15RM13.87_3.JPG



8/29/2019: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	9.55	Rating **	M	Issue No.	1178	
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:34983 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Needs clearing and cleaning of the pipe. 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: 4/10/2014						

LM Start	9.55	Rating **	M	Issue No.	1178 (cont)
LM End	9.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_34983_62966.jpg



WS view: CM outlet pipe on levee slope.

Photo 2 of 3 : UCIP_FA_2020_34983_62965.jpg



WS view: CM outlet pipe on levee slope.

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

LM Start	9.55	Rating **	M	Issue No.	1178 (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				

LM Start	9.61	Rating **	A/W	Issue No.	6
LM End	9.63	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.965693 °	37.965693 °
				-121.137063 °	-121.137063 °
DWR ID	NA0017U15RM13.25				

*This area is patrol road only and therefore the site is not rated
7/24/2020: The erosion site has been repaired by placing fill and riprap.
Note: A new erosion site was discovered just downstream of this site
(see Site ID NA0017U15RM13.22).
08/28/2019: The erosion is located at the lower slope of the channel
bank and covered by dense vegetation.

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

**** Rating**

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

<p>+ Issue Type</p> <p>Ma : Maintenance Deficiency</p> <p>Ob : Design & System Obsolescence</p> <p>En : Enforcement</p>
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	9.61	Rating **	A/W	Issue No.	6 (cont)
LM End	9.63	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.965693 °	37.965693 °
				-121.137063 °	-121.137063 °
DWR ID	NA0017U15RM13.25				

Photo 2 of 3 : SJR2019_NA0017U15RM13.25_07.JPG



7/24/2020: Close-up view of the repaired site.

LM Start	9.61	Rating **	A/W	Issue No.	6 (cont)
LM End	9.63	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_DWR_NA0017_15_f_2017_183_2.JPG



8/28/2019: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	9.64	Rating **	A/W	Issue No.	17
LM End	9.66	Issue Type +	Ma	Location *	WS
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					
7/24/2020: 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	9.64	Rating **	A/W	Issue No.	17 (cont)
LM End	9.66	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U15RM13.22_01.JPG



7/24/2020: Looking down the slope at the upstream end of the erosion.

Photo 2 of 2 : SJR2019_NA0017U15RM13.22_05.JPG



7/24/2020: View of the eroded slope looking upstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	9.80	Rating **	M	Issue No.	1181	
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:34986 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Mud/soil in inlet pipe. Needs cleaning.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: 4/10/2014						

Photo 1 of 3 : UCIP_FA_2020_34986_62986.jpg



WS view: no pipe or appurtenances found.

LM Start	9.80	Rating **	M	Issue No.	1181 (cont)
LM End	9.80	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_34986_62985.jpg



LS view: partially buried inlet pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	9.80	Rating **	M	Issue No.	1181 (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 3 of 3 : UCIP_FA_2020_34986_62984.jpg



LS view: closer view of partially buried inlet pipe. Needs cleaning and clearing.

LM Start	9.90	Rating **	A/W	Issue No.	68
LM End	9.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.965165 °	37.965165 °
				-121.141928 °	-121.141928 °
DWR ID	DWR_NA0017_15_s_2013_68				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This portion of the levee is non-project. Therefore, the rating was given as A/W.					

Photo 1 of 1 : FA_2020_NA0017_159_68_20200901_00019.jpg



Slope instability was found on the waterside slope of the levee looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	10.01	Rating **	M	Issue No.	1182
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:34987 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: May need cleaning of the pipe.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: 4/10/2014					

LM Start	10.01	Rating **	M	Issue No.	1182 (cont)
LM End	10.01	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_34987_62992.jpg



WS view: no pipe or appurtenances found.

Photo 2 of 3 : UCIP_FA_2020_34987_62990.jpg



LS view: partially buried inlet pipe on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	10.01	Rating **	M	Issue No.	1182 (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_2020_34987_62991.jpg



LS view: inside view of partially buried inlet pipe. Needs cleaning.

LM Start	10.26	Rating **	A/W	Issue No.	1183
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:35003
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: May need cleaning of the inlet pipe. Vegetation debris on inlet box.
 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: 4/10/2014

Photo 1 of 2 : UCIP_FA_2020_35003_63003.jpg



WS view: CM outfall pipe with flapgate on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	10.26	Rating **	A/W	Issue No.	1183 (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 2 of 2 : UCIP_FA_2020_35003_63002.jpg



LS view: concrete headwall and inlet pipe. Needs cleaning of debris.

LM Start	10.27	Rating **	M	Issue No.	1185
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:35005
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: Pipe buried on landside. May need cleaning of vegetation debris in inlet opening.
 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: 4/10/2014

Photo 1 of 2 : UCIP_FA_2020_35005_63011.jpg



WS view: CM outfall pipe with flapgate on levee 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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	10.27	Rating **	M	Issue No.	1185 (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 2 : UCIP_FA_2020_35005_63010.jpg



LS view: vegetation debris in inlet area. Needs cleaning and clearing.

LM Start	10.75	Rating **	A/W	Issue No.	7
LM End	10.75	Issue Type +	Ma	Location *	WS
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

7/24/2020: No changes observed since previous inspection.

08/28/2019: The erosion is located at the lower slope of the channel bank and covered by dense vegetation.

Photo 1 of 2 : SJR2019_NA0017U15RM12.12_01.JPG



7/24/2020: View of the slope looking upstream. The erosion is covered by dense vegetation.

LM Start	10.75	Rating **	A/W	Issue No.	7 (cont)
LM End	10.75	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2019_DWR_NA0017_15_s_2018_143_4.JPG



8/28/2019: 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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	11.06	Rating **	C	Issue No.	290
LM End	11.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.961505 °	37.961505 °
				-121.162039 °	-121.162039 °
DWR ID	DWR_NA0017_15_s _ 2020_290				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.06	Rating **	M	Issue No.	139
LM End	11.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.961499 °	37.961499 °
				-121.162031 °	-121.162031 °
DWR ID	DWR_NA0017_15_f _ 2020_139				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	11.19	Rating **	A/W	Issue No.	289
LM End	11.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960968 °	37.960968 °
				-121.164127 °	-121.164127 °
DWR ID	DWR_NA0017_15_s _ 2020_289				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents present but continue to monitor.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	11.41	Rating **	M	Issue No.	1187	
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:35010						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Distorted outlet pipe on waterside.						
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: 4/14/2014						

LM Start	11.41	Rating **	M	Issue No.	1187 (cont)
LM End	11.41	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2020_35010_63035.jpg



WS view: outlet pipe on grouted riprap on levee slope.

Photo 2 of 2 : UCIP_FA_2020_35010_63034.jpg



LS view: headwall and inlet pipe on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	11.55	Rating **	A/W	Issue No.	1188
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:48304 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: New pipe and flapgate. 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: 4/14/2014					

LM Start	11.55	Rating **	A/W	Issue No.	1188 (cont)
LM End	11.55	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2020_48304_63039.jpg



WS view: outlet CM pipe with flapgate. Flood wall acts as headwall.

Photo 2 of 2 : UCIP_FA_2020_48304_63038.jpg



LS view: inlet pipe and headwall on levee toe. May need cleaning of inlet 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	11.55	Rating **	C	Issue No.	167
LM End	11.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.961001 °	37.961151 °
				-121.170716 °	-121.171388 °
DWR ID	DWR_NA0017_15_s_2019_167				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	11.77	Rating **	A/W	Issue No.	253
LM End	11.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961756 °	37.961907 °
				-121.174529 °	-121.175532 °
DWR ID	DWR_NA0017_15_f_2019_253				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents present but continue to monitor.					

No Photos

LM Start	12.01	Rating **	M	Issue No.	281
LM End	12.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.962040 °	37.962040 °
				-121.179086 °	-121.179086 °
DWR ID	DWR_NA0017_15_s_2020_281				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	12.39	Rating **	A/W	Issue No.	1189	
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:35014 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: May need mud and debris cleaning. 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: 4/14/2014						

Photo 1 of 3 : UCIP_FA_2020_35014_63053.jpg



WS view: slide gates in CMP risers on levee slope.

LM Start	12.39	Rating **	A/W	Issue No.	1189 (cont)
LM End	12.39	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_35014_63052.jpg



WS view: flap gates and headwall on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	12.39	Rating **	A/W	Issue No.	1190 (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_2020_35015_63058.jpg



WS view: headwall and flap gates on CMP ends on levee slope.

LM Start	12.39	Rating **	A/W	Issue No.	1190 (cont)
LM End	12.39	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_35015_63057.jpg



LS view: headwall and inlet pipes on levee slope.

LM Start	12.42	Rating **	M	Issue No.	278
LM End	12.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961183 °	37.961183 °
				-121.186358 °	-121.186358 °
DWR ID	DWR_NA0017_15_s_2020_278				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	12.56	Rating **	A/W	Issue No.	1192
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:35043					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: May need cleaning of pipes. Flood wall on waterside shoulder.					
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: 4/14/2014					

LM Start	12.56	Rating **	A/W	Issue No.	1192 (cont)
LM End	12.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_35043_63085.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

Photo 2 of 3 : UCIP_FA_2020_35043_63084.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope. Soil/mud on inlet 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	12.56	Rating **	A/W	Issue No.	1192 (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_2020_35043_63083.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	12.94	Rating **	A/W	Issue No.	251
LM End	12.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960670 °	37.961043 °
				-121.195482 °	-121.196200 °
DWR ID	DWR_NA0017_15_f_2019_251				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents present but continue to monitor.					

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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	13.15	Rating **	M	Issue No.	1195	
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:35047 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Needs pipe cleaning. 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: 4/14/2014						

LM Start	13.15	Rating **	M	Issue No.	1195 (cont)
LM End	13.15	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_35047_63100.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

Photo 2 of 3 : UCIP_FA_2020_35047_63099.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope.
Soil/mud on inlet 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	13.15	Rating **	M	Issue No.	1195 (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 3 of 3 : UCIP_FA_2020_35047_63101.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	13.16	Rating **	C	Issue No.	273
LM End	13.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961205 °	37.961205 °
				-121.199225 °	-121.199225 °
DWR ID	DWR_NA0017_15_s_2020_273				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	13.17	Rating **	C	Issue No.	272
LM End	13.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.961160 °	37.961160 °
				-121.199437 °	-121.199437 °
DWR ID	DWR_NA0017_15_s_2020_272				
Comment Code					
S3 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	13.47	Rating **	M	Issue No.	1197	
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:35049 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Needs cleaning. 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: 4/14/2014						

LM Start	13.47	Rating **	M	Issue No.	1197 (cont)
LM End	13.47	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_35049_63113.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

Photo 2 of 3 : UCIP_FA_2020_35049_63112.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope.
Soil/mud on inlet 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	13.47	Rating **	M	Issue No.	1197 (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_2020_35049_63111.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	13.50	Rating **	A/W	Issue No.	1198
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:35064
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: May need cleaning.
 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: 4/14/2014

Photo 1 of 3 : UCIP_FA_2020_35064_63131.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	13.50	Rating **	A/W	Issue No.	1198 (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_2020_35064_63130.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	13.50	Rating **	A/W	Issue No.	1198 (cont)
LM End	13.50	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_35064_63129.jpg



LS view: U type concrete headwall and CM inlet Pipe on levee slope. Soil/mud on inlet box.

LM Start	13.64	Rating **	A/W	Issue No.	270
LM End	14.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.962887 °	37.970739 °
				-121.207077 °	-121.222477 °
DWR ID	DWR_NA0017_15_s_2020_270				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No rodents present but continue to monitor the area.					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	15.28	Rating **	A/W	Issue No.	1201
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:35104 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: May need cleaning. 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: 4/15/2014					

Photo 1 of 3 : UCIP_FA_2020_35104_63192.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

LM Start	15.28	Rating **	A/W	Issue No.	1201 (cont)
LM End	15.28	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_35104_63191.jpg



LS view: U type concrete headwall on levee 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	15.28	Rating **	A/W	Issue No.	1201 (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_2020_35104_63193.jpg



LS view: inside view of CM inlet pipe on levee slope. Debris on inlet pipe. Needs cleaning.

LM Start	15.37	Rating **	M	Issue No.	154
LM End	15.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.975671 °	37.975671 °
				-121.234277 °	-121.234277 °
DWR ID	DWR_NA0017_15_f_2015_154				
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_2020_NA0017_159_154_20200901_00038.jpg



View of rodent holes on the landside of the levee. Fall 2017

*** 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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	15.40	Rating **	A/W	Issue No.	1202
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:35105 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: May need cleaning. 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: 4/15/2014					

LM Start	15.40	Rating **	A/W	Issue No.	1202 (cont)
LM End	15.40	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_FA_2020_35105_63197.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

Photo 2 of 2 : UCIP_FA_2020_35105_63196.jpg



LS view: U type concrete headwall and CM pipe on levee slope. Debris in inlet pipe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	15.40	Rating **	M	Issue No.	194
LM End	15.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.975839 °	37.976042 °
				-121.234763 °	-121.235213 °
DWR ID	DWR_NA0017_15_f_2020_194				
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_2020_NA0017_159_194_20200901_00054.jpg



Picture of the rodent holes on the landside shoulder of the levee. Fall 2017

LM Start	15.49	Rating **	M	Issue No.	245
LM End	15.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976403 °	37.976403 °
				-121.236093 °	-121.236093 °
DWR ID	DWR_NA0017_15_f_2019_245				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	15.49	Rating **	C	Issue No.	247
LM End	15.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.976420 °	37.976420 °
				-121.236170 °	-121.236170 °
DWR ID	DWR_NA0017_15_f_2019_247				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	16.00	Rating **	C	Issue No.	197
LM End	16.00	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.980052 °	37.980052 °
				-121.244213 °	-121.244213 °
DWR ID	DWR_NA0017_15_f_2018_197				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	16.51	Rating **	M	Issue No.	148
LM End	16.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.983540 °	37.983996 °
				-121.252402 °	-121.253802 °
DWR ID	DWR_NA0017_15_f_2020_148				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	16.62	Rating **	M	Issue No.	143
LM End	16.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.984186 °	37.985823 °
				-121.254231 °	-121.258058 °
DWR ID	DWR_NA0017_15_f_2020_143				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	16.77	Rating **	M	Issue No.	137
LM End	16.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.985238 °	37.985238 °
				-121.256756 °	-121.256756 °
DWR ID	DWR_NA0017_15_s_2019_137				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	17.37	Rating **	M	Issue No.	129
LM End	17.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.989309 °	37.989698 °
				-121.266320 °	-121.267196 °
DWR ID	DWR_NA0017_15_f_2020_129				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.37	Rating **	M	Issue No.	136
LM End	17.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.989309 °	37.989699 °
				-121.266320 °	-121.267196 °
DWR ID	DWR_NA0017_15_f_2020_136				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.40	Rating **	A/W	Issue No.	1208
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:35163 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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: 4/15/2014					

LM Start	17.40	Rating **	A/W	Issue No.	1208 (cont)
LM End	17.40	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_35163_63285.jpg



WS view: slide gate in a concrete box on levee shoulder.

Photo 2 of 3 : UCIP_FA_2020_35163_63284.jpg



WS view: U type concrete headwall, 14" CM pipes and 30" RC culvert with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.40	Rating **	A/W	Issue No.	1208 (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 3 of 3 : UCIP_FA_2020_35163_63283.jpg



LS view: pump house inside wired fence on levee slope.

LM Start	17.40	Rating **	A/W	Issue No.	1209
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:35164
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 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: Two 14-inch steel drainage pipes 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: 4/15/2014

Photo 1 of 2 : UCIP_FA_2020_35164_63289.jpg



WS view: U type concrete headwall, 14" CM pipes and 30" RC culvert with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.40	Rating **	A/W	Issue No.	1209 (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 2 of 2 : UCIP_FA_2020_35164_63288.jpg



LS view: siphon breakers in steel pipe risers and pump house on levee slope.

LM Start	17.41	Rating **	A/W	Issue No.	1210
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:35165
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 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:
 Two 14-inch steel drainage pipes 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: 4/15/2014

Photo 1 of 2 : UCIP_FA_2020_35165_63293.jpg



WS view: U type concrete headwall, 14" CM pipes and 30" RC culvert with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.41	Rating **	A/W	Issue No.	1210 (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 2 : UCIP_FA_2020_35165_63292.jpg



LS view: siphon breakers in steel pipe risers and pump house on levee slope.

LM Start	17.66	Rating **	M	Issue No.	1213
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:35183
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: CMP riser needs cleaning.
 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: 4/15/2014

Photo 1 of 3 : UCIP_FA_2020_35183_63325.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.66	Rating **	M	Issue No.	1213 (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 2 of 3 : UCIP_FA_2020_35183_63324.jpg



LS view: CMP riser on levee shoulder.

LM Start	17.66	Rating **	M	Issue No.	1213 (cont)
LM End	17.66	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_35183_63323.jpg



LS view: inside view of CMP riser on levee shoulder. It needs cleaning and clearing.

LM Start	17.70	Rating **	M	Issue No.	120
LM End	17.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.991410 °	37.991922 °
				-121.271632 °	-121.272437 °
DWR ID	DWR_NA0017_15_f_2020_120				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.81	Rating **	C	Issue No.	233
LM End	17.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.992285 °	37.992285 °
				-121.273319 °	-121.273319 °
DWR ID	DWR_NA0017_15_s _ 2020_233				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	17.85	Rating **	C	Issue No.	230
LM End	17.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.992512 °	37.992512 °
				-121.273862 °	-121.273862 °
DWR ID	DWR_NA0017_15_s _ 2020_230				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	17.92	Rating **	C	Issue No.	228
LM End	17.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993028 °	37.993028 °
				-121.275162 °	-121.275162 °
DWR ID	DWR_NA0017_15_s _ 2020_228				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	17.93	Rating **	C	Issue No.	226
LM End	17.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993084 °	37.993084 °
				-121.275308 °	-121.275308 °
DWR ID	DWR_NA0017_15_s_2020_226				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.17	Rating **	A/W	Issue No.	1214
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:35463					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: Slide gate in a concrete box on landside shoulder.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: 4/15/2014					

Photo 1 of 3 : UCIP_FA_2020_35463_63782.jpg



WS view: outlet structure with two flapgates and concrete spillway on 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.17	Rating **	A/W	Issue No.	1214 (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 2 of 3 : UCIP_FA_2020_35463_63781.jpg



WS view: two slide gates in concrete box on levee shoulder.

LM Start	18.17	Rating **	A/W	Issue No.	1214 (cont)
LM End	18.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_35463_63780.jpg



LS view: double 6 ft by 6 ft concrete box culvert through the 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.17	Rating **	M	Issue No.	1215	
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:35203 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Slide gate handle missing. Vegetation on both inlet and outlet box. 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: 4/15/2014						

LM Start	18.17	Rating **	M	Issue No.	1215 (cont)
LM End	18.17	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_35203_63345.jpg



LS view: U type concrete headwall and CM pipe on levee slope.

Photo 2 of 3 : UCIP_FA_2020_35203_63344.jpg



WS view: slide gate in CMP riser on levee slope. Slide gate handle missing.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.17	Rating **	M	Issue No.	1215 (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 3 of 3 : UCIP_FA_2020_35203_63343.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

LM Start	18.32	Rating **	A/W	Issue No.	1216
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:35204
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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: 4/15/2014

Photo 1 of 2 : UCIP_FA_2020_35204_63349.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.32	Rating **	A/W	Issue No.	1216 (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 2 of 2 : UCIP_FA_2020_35204_63348.jpg



LS view: U type concrete headwall and CM pipe on levee slope.

LM Start	18.50	Rating **	M	Issue No.	119
LM End	18.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.997305 °	37.997305 °
				-121.273943 °	-121.273943 °
DWR ID	DWR_NA0017_15_f_2020_119				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.53	Rating **	M	Issue No.	115
LM End	18.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.997499 °	37.997499 °
				-121.273570 °	-121.273570 °
DWR ID	DWR_NA0017_15_f_2020_115				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.88	Rating **	A/W	Issue No.	1218	
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:35206						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Slide gate in a concrete box on waterside shoulder.						
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: 4/15/2014						

Photo 1 of 3 : UCIP_FA_2020_35206_63361.jpg



WS view: slide gate in a concrete box on levee shoulder.

LM Start	18.88	Rating **	A/W	Issue No.	1218 (cont)
LM End	18.88	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_35206_63360.jpg



WS view: U type concrete headwall, CM pipe with flapgate, and concrete spillway on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	18.88	Rating **	A/W	Issue No.	1218 (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 3 of 3 : UCIP_FA_2020_35206_63359.jpg



LS view: U type concrete headwall and CM pipe on levee slope.

LM Start	19.33	Rating **	M	Issue No.	112
LM End	19.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.996264 °	37.995288 °
				-121.275357 °	-121.275954 °
DWR ID	DWR_NA0017_15_f_2020_112				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	19.81	Rating **	M	Issue No.	211
LM End	19.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.994206 °	37.994206 °
				-121.283003 °	-121.283003 °
DWR ID	DWR_NA0017_15_s_2020_211				
Comment Code					
S2 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	19.85	Rating **	C	Issue No.	210
LM End	19.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.993904 °	37.993904 °
				-121.283653 °	-121.283653 °
DWR ID	DWR_NA0017_15_s_2020_210				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	19.86	Rating **	M	Issue No.	111
LM End	19.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.993858 °	37.993782 °
				-121.283811 °	-121.284238 °
DWR ID	DWR_NA0017_15_f_2020_111				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	19.87	Rating **	M	Issue No.	209	
LM End	19.87	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			37.993836 °		37.993836 °
				-121.283852 °		-121.283852 °
DWR ID	DWR_NA0017_15_s_2020_209					
Comment Code						
S2 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	19.87	Rating **	M	Issue No.	231
LM End	19.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.993829 °	37.993800 °
				-121.283927 °	-121.284008 °
DWR ID	DWR_NA0017_15_f_2019_231				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	19.97	Rating **	M	Issue No.	1221	
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:53535 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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: *ABANDONED* 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: 11/16/2018						

Photo 1 of 3 : UCIP_FA_2020_53535_63421.jpg



WS view: concrete headwall and steel pipe with flapgate on levee slope.
Vegetation and debris on spillway.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	19.97	Rating **	M	Issue No.	1221 (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				

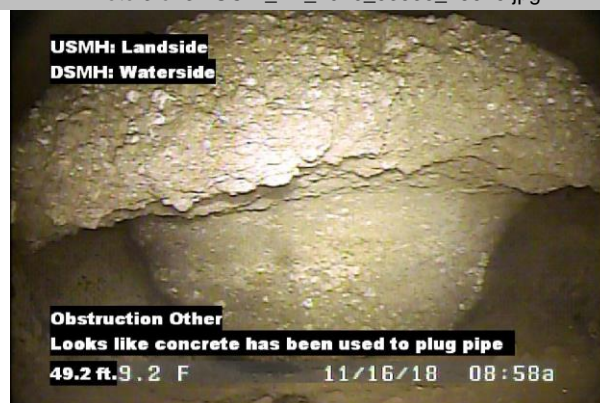
Photo 2 of 3 : UCIP_FA_2020_53535_63420.jpg



LS view: a manhole on levee toe.

LM Start	19.97	Rating **	M	Issue No.	1221 (cont)
LM End	19.97	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_53535_78645.jpg



Internal inspection reveals a concrete plug on the LS.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	20.12	Rating **	C	Issue No.	180
LM End	20.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.993620 °	37.993620 °	
			-121.288296 °	-121.288296 °	
DWR ID	DWR_NA0017_15_s _ 2020_180				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	20.19	Rating **	C	Issue No.	179
LM End	20.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.993738 °	37.993738 °	
			-121.289715 °	-121.289715 °	
DWR ID	DWR_NA0017_15_s _ 2020_179				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	20.22	Rating **	C	Issue No.	178
LM End	20.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.993644 °	37.993644 °	
			-121.290170 °	-121.290170 °	
DWR ID	DWR_NA0017_15_s _ 2020_178				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	20.92	Rating **	M	Issue No.	165
LM End	20.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.992012 °	37.992012 °
				-121.302761 °	-121.302761 °
DWR ID	DWR_NA0017_15_s_2020_165				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_165_20200901_00043.jpg



View of pedestrian path on landside slope. Spring 2020

LM Start	21.81	Rating **	C	Issue No.	147
LM End	21.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.982668 °	37.982668 °
				-121.312961 °	-121.312961 °
DWR ID	DWR_NA0017_15_s_2020_147				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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	Slope Stability			37.980937 °	37.980937 °
				-121.319809 °	-121.319809 °
DWR ID	DWR_NA0017_15_s_2020_134				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_134_20201021_00255.jpg



View of pedestrian path on landside slope. Fall 2020

*** Location**

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

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	22.36	Rating **	C	Issue No.	127
LM End	22.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.981437 °	37.981437 °	
			-121.321391 °	-121.321391 °	
DWR ID	DWR_NA0017_15_s_2020_127				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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 trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	22.50	Rating **	C	Issue No.	196
LM End	22.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.981720 °	37.981720 °	
			-121.323989 °	-121.323989 °	
DWR ID	DWR_NA0017_15_f_2019_196				
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 2020

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	10/21/2020 10/21/2020	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					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_190_20201021_00254.jpg



View of broken off tree branch on landside slope. Fall 2020

LM Start	22.63	Rating **	C	Issue No.	125
LM End	22.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.982190 °	37.982190 °
				-121.326341 °	-121.326341 °
DWR ID	DWR_NA0017_15_s_2020_125				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	22.69	Rating **	C	Issue No.	123
LM End	22.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.982259 °	37.982259 °
				-121.327473 °	-121.327473 °
DWR ID	DWR_NA0017_15_s_2020_123				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Path has been regraded. Fall 2020					

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 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	23.06	Rating **	C	Issue No.	122
LM End	23.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.980832 °	37.980832 °
				-121.333849 °	-121.333849 °
DWR ID	DWR_NA0017_15_s_2020_122				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	23.32	Rating **	C	Issue No.	121
LM End	23.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.980287 °	37.980287 °
				-121.338411 °	-121.338411 °
DWR ID	DWR_NA0017_15_s_2020_121				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	23.39	Rating **	M	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 trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_159_169_20200901_00046.jpg



View of tree that needs to be trimmed at least 5 feet above ground on landside slope. Fall 2019

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	23.55	Rating **	C	Issue No.	132
LM End	23.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.979303 °	37.979303 °
				-121.341762 °	-121.341762 °
DWR ID	DWR_NA0017_15_f_2019_132				
Comment Code					
Inspector Comment					
Rip rap has been replaced. Fall 2020					

No Photos

LM Start	23.55	Rating **	A/W	Issue No.	223
LM End	23.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Riprap Revetments			37.979282 °	37.979282 °
				-121.341686 °	-121.341686 °
DWR ID	DWR_NA0017_15_f_2016_223				
Comment Code					
Inspector Comment					
Wrong revetment size was placed by Caltrans in Fall 2012 under permit #18562. An NOV was issued to Caltrans. They repaired the left bank, but have not repaired the right bank of the levee. Caltrans will be responsible for any repairs at this location.					

Photo 1 of 1 : FA_2020_NA0017_159_223_20200901_00061.jpg



View of deteriorating revetments on the waterside toe of the levee. The picture was taken from the opposite side of the levee. Fall 2016

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/21/2020	Alberto De Leon

LM Start	23.86	Rating **	C	Issue No.	128
LM End	23.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976236 °	37.976155 °
				-121.346023 °	-121.346121 °
DWR ID	DWR_NA0017_15_f_2019_128				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	23.88	Rating **	C	Issue No.	118
LM End	23.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.976023 °	37.976023 °
				-121.346257 °	-121.346257 °
DWR ID	DWR_NA0017_15_s_2020_118				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	0.00	Rating **	A/W	Issue No.	193
LM End	11.14	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.050918 °	37.960280 °
				-121.012115 °	-121.164353 °
DWR ID	DWR_NA0017_16_f_2013_193				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
This portion of the unit contains a non-project levee and access road. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."					

No Photos

LM Start	0.11	Rating **	A/W	Issue No.	33
LM End	0.47	Issue Type +	Ma	Location *	WS
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					
7/23/2020: 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.					

Photo 1 of 3 : SJR2019_NA0017U16RM23.35_01.JPG



7/23/2020: View of the upstream end 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	0.11	Rating **	A/W	Issue No.	33 (cont)
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.048159 °	38.048159 °
				-121.016427 °	-121.016427 °
DWR ID	NA0017U16RM23.35				

Photo 2 of 3 : SJR2019_NA0017U16RM23.35_02.JPG



7/23/2020: View of the erosion from the opposite bank.

LM Start	0.11	Rating **	A/W	Issue No.	33 (cont)
LM End	0.47	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM23.35_03.JPG



7/23/2020: View of the erosion from the opposite bank.

LM Start	0.69	Rating **	N	Issue No.	216
LM End	0.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.045531 °	38.045531 °
				-121.022881 °	-121.022881 °
DWR ID	DWR_NA0017_16_s_2012_216				
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 M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	0.93	Rating **	A/W	Issue No.	34
LM End	0.95	Issue Type +	Ma	Location *	WS
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					

Comment Code

Inspector Comment

Site ID: NA0017U16RM22.74

*This area is patrol road only and therefore the site is not rated
7/23/2020: From 2013 to present, no significant changes were observed during the annual survey.

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.	34 (cont)
LM End	0.95	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U16RM22.74_01.JPG



7/23/2020: View of the erosion from the opposite bank.

Photo 2 of 3 : SJR2019_NA0017U16RM22.74_02.JPG



7/23/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	0.93	Rating **	A/W	Issue No.	34 (cont)
LM End	0.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.042730 °	38.042730 °
				-121.025722 °	-121.025722 °
DWR ID	NA0017U16RM22.74				

Photo 3 of 3 : SJR2019_NA0017U16RM22.74_03.JPG



7/23/2020: A more close-up view of the erosion from the opposite bank.

LM Start	0.95	Rating **	C	Issue No.	207
LM End	0.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.042566 °	38.042566 °
				-121.025855 °	-121.025855 °
DWR ID	DWR_NA0017_16_s_2020_207				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.38	Rating **	C	Issue No.	208
LM End	1.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.039625 °	38.039625 °	
			-121.032209 °	-121.032209 °	
DWR ID	DWR_NA0017_16_s _ 2020_208				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.43	Rating **	M	Issue No.	209
LM End	1.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.039633 °	38.039633 °	
			-121.033222 °	-121.033222 °	
DWR ID	DWR_NA0017_16_s _ 2020_209				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.51	Rating **	M	Issue No.	210
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.039524 °	38.039524 °	
			-121.034646 °	-121.034646 °	
DWR ID	DWR_NA0017_16_s _ 2020_210				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

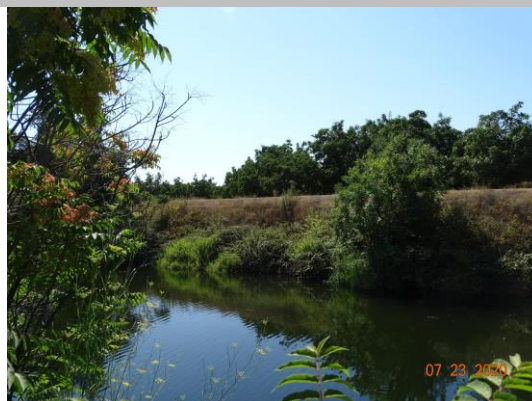
San Joaquin County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	23.48	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.59	Rating **	A/W	Issue No.	37
LM End	1.59	Issue Type +	Ma	Location *	WS
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					
7/23/2020: From 2013 to present, no significant changes were					
observed during the annual survey.					
08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site.					
There is no levee structure on site.					

LM Start	1.59	Rating **	A/W	Issue No.	37 (cont)
LM End	1.59	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U16RM22.01_01.JPG



7/23/2020: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U16RM22.15_2.JPG



8/28/2019: Close-up view of the erosion.

LM Start	1.63	Rating **	M	Issue No.	211
LM End	1.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.038934 °	38.038934 °
				-121.036657 °	-121.036657 °
DWR ID	DWR_NA0017_16_s_2020_211				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.64	Rating **	M	Issue No.	212
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.038854 °	38.038854 °
				-121.036918 °	-121.036918 °
DWR ID	DWR_NA0017_16_s_2020_212				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.67	Rating **	A/W	Issue No.	38
LM End	1.68	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038671 °	38.038671 °
				-121.037405 °	-121.037405 °
DWR ID	NA0017U16RM22.01				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM22.01					
*This area is patrol road only and therefore the site is not rated					
7/23/2020: From 2013 to present, no significant changes were observed during the annual survey.					
08/22/2012: Site is covered with dense vegetation. A scarp erosion is adjacent to a pocket erosion at the downstream. There is no levee structure on site.					

Photo 1 of 2 : SJR2019_NA0017U16RM22.01_02.JPG



7/23/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.67	Rating **	A/W	Issue No.	38 (cont)
LM End	1.68	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.038671 °	38.038671 °
				-121.037405 °	-121.037405 °
DWR ID	NA0017U16RM22.01				

Photo 2 of 2 : SJR2019_NA0017U16RM22.01_4.JPG



8/28/2019: Looking at the erosion from the other side of the channel.

LM Start	1.75	Rating **	A/W	Issue No.	39
LM End	1.76	Issue Type +	Ma	Location *	WS
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
7/23/2020: From 2013 to present, no significant changes were observed during the annual survey. The scarp is nearly vertical at the toe.

08/22/2012: The erosion is covered by dense vegetation. There is no levee structure on site.

Photo 1 of 2 : SJR2019_NA0017U16RM21.95_01.JPG



7/23/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.75	Rating **	A/W	Issue No.	39 (cont)
LM End	1.76	Issue Type +	Ma	Location *	WS
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 : SJR2019_NA0017U16RM21.95_4.JPG



8/28/2019: Close-up view of the erosion.

LM Start	1.77	Rating **	A/W	Issue No.	40
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.037906 °	38.037906 °
				-121.038949 °	-121.038949 °
DWR ID	NA0017U16RM21.94				

Comment Code

Inspector Comment

Site ID: NA0017U16RM21.94

*This area is patrol road only and therefore the site is not rated
7/23/2020: From 2013 to present, no significant changes were observed during the annual survey.

08/22/2012: Site is covered by dense vegetation. Berm width is estimated as 5 ft. There is no levee structure on site.

LM Start	1.77	Rating **	A/W	Issue No.	40 (cont)
LM End	1.78	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U16RM21.94_01.JPG



7/23/2020: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U16RM21.94_02.JPG



7/23/2020: Close-up 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.81	Rating **	M	Issue No.	194
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.037470 °	38.037470 °
				-121.039346 °	-121.039346 °
DWR ID	DWR_NA0017_16_f_2020_194				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.87	Rating **	A/W	Issue No.	41
LM End	1.91	Issue Type +	Ma	Location *	WS
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 7/23/2020: From 2013 to present, no significant changes were observed during the annual survey. This 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 3 : SJR2019_NA0017U16RM21.05_02.JPG



7/23/2020: View of the erosion from the opposite bank, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	1.87	Rating **	A/W	Issue No.	41 (cont)
LM End	1.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.036549 °	38.036549 °
				-121.040302 °	-121.040302 °
DWR ID	NA0017U16RM21.05				

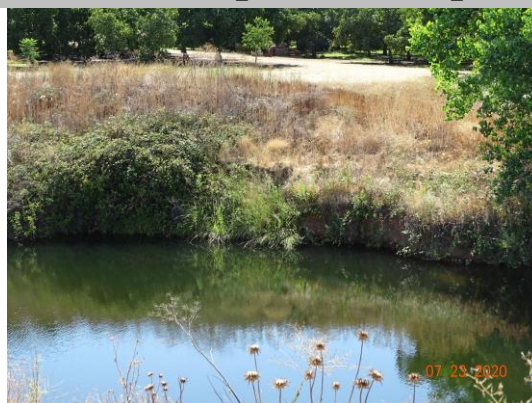
Photo 2 of 3 : SJR2019_NA0017U16RM21.05_03.JPG



7/23/2020: View of the erosion and pipe crossing.

LM Start	1.87	Rating **	A/W	Issue No.	41 (cont)
LM End	1.91	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM21.05_04.JPG



7/23/2020: Close-up view of the erosion just upstream of the pipe crossing.

LM Start	2.26	Rating **	A/W	Issue No.	42
LM End	2.26	Issue Type +	Ma	Location *	WS
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
7/23/2020: From 2013 to present, no significant changes were observed during the annual survey.

08/22/2012: Site is covered with dense vegetation. There is no levee structure on site.

Photo 1 of 2 : SJR2019_NA0017U16RM20.71_01.JPG



7/23/2020: View of the erosion from the opposite bank.

* 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	

San Joaquin County Flood Control and Water Conservation District

7/23/2020: Close-up view of the erosion.

Page 13 of 80

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	2.45	Rating **	M	Issue No.	399	
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:35551						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Heavy vegetation obscuring outlet. remove vegetation and verify flapgate installed.						
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: 4/24/2014						

Photo 1 of 2 : UCIP_FA_2020_35551_64000.jpg



Pipe visible on LS toe.

LM Start	2.45	Rating **	M	Issue No.	399 (cont)
LM End	2.45	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_35551_63999.jpg



Grout over pipe on WS. Heavy vegetation blocking view of outlet.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	2.70	Rating **	M	Issue No.	400
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:53506 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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: 9/18/2018					

Photo 1 of 3 : UCIP_FA_2020_53506_64067.jpg



Pipe inlet on LS toe.

LM Start	2.70	Rating **	M	Issue No.	400 (cont)
LM End	2.70	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_53506_64066.jpg



Pipe outlet on WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	2.85	Rating **	A/W	Issue No.	43 (cont)
LM End	2.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.026781 °	38.026781 °
				-121.053147 °	-121.053147 °
DWR ID	NA0017U16RM20				

Photo 2 of 3 : SJR2019_NA0017U16RM20_02.JPG



7/23/2020: Close-up view of the erosion.

LM Start	2.85	Rating **	A/W	Issue No.	43 (cont)
LM End	2.91	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM20_03.JPG



7/23/2020: Another close-up view of the erosion.

LM Start	2.95	Rating **	C	Issue No.	218
LM End	2.95	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.026132 °	38.026132 °
				-121.054094 °	-121.054094 °
DWR ID	DWR_NA0017_16_f_2019_218				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	3.15	Rating **	M	Issue No.	214
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.024187 °	38.024187 °
				-121.056677 °	-121.056677 °
DWR ID	DWR_NA0017_16_s_2020_214				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.45	Rating **	C	Issue No.	217
LM End	3.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.021257 °	38.021257 °
				-121.060847 °	-121.060847 °
DWR ID	DWR_NA0017_16_s_2020_217				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	3.47	Rating **	M	Issue No.	152
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.021036 °	38.020402 °
				-121.061101 °	-121.061873 °
DWR ID	DWR_NA0017_16_f_2013_152				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo was obstructing the inspection of the channel from the patrol road.					

Photo 1 of 1 : FA_2020_NA0017_160_152_20200901_00067.jpg



Arundo was found on the waterside toe 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	3.53	Rating **	A/W	Issue No.	230
LM End	3.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.020433 °	38.020433 °
				-121.061867 °	-121.061867 °
DWR ID	DWR_NA0017_16_f_2012_230				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This portion of the levee is non-project. Therefore, an A/W rating was given.					

Photo 1 of 1 : FA_2020_NA0017_160_230_20200901_00081.jpg



Erosion was found on the waterside slope of the levee looking downstream.

LM Start	3.61	Rating **	A/W	Issue No.	47
LM End	3.61	Issue Type +	Ma	Location *	WS
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					
07/23/2020: From 2015 to present, no significant changes were					
observed during the annual survey. The vegetation growth has					
increased.					
08/20/2014: A pocket erosion was found near the water's edge.					

Photo 1 of 3 : SJR2019_NA0017U16RM19.29_01.JPG



7/23/2020: View of the erosion from the opposite bank.

LM Start	3.61	Rating **	A/W	Issue No.	47 (cont)
LM End	3.61	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2019_NA0017U16RM19.29_03.JPG



7/23/2020: Close-up 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	3.78	Rating **	A/W	Issue No.	4 (cont)
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			38.017715 °	38.017715 °
				-121.065011 °	-121.065011 °
DWR ID	NA0017U16RM19.18				

Photo 2 of 3 : SJR2019_NA0017U16RM19.18_03.JPG



7/23/2020: Close-up view of the erosion.

LM Start	3.78	Rating **	A/W	Issue No.	4 (cont)
LM End	3.80	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM19.18_5.JPG



8/28/2019: Front view of the erosion at the 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	4.16	Rating **	A/W	Issue No.	10
LM End	4.18	Issue Type +	Ma	Location *	WS
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
07/23/2020: From 2018 to present, no significant changes were observed during the annual survey. 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.

LM Start	4.16	Rating **	A/W	Issue No.	10 (cont)
LM End	4.18	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U16RM18.69_02.JPG



7/23/2020: Close-up view of the erosion.

Photo 2 of 2 : SJR2019_NA0017U16RM18.69_03.JPG



7/23/2020: Another 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	4.17	Rating **	C	Issue No.	221
LM End	4.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.012728 °	38.012728 °
				-121.068068 °	-121.068068 °
DWR ID	DWR_NA0017_16_s_2020_221				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.20	Rating **	M	Issue No.	222
LM End	4.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.012311 °	38.012311 °
				-121.068217 °	-121.068217 °
DWR ID	DWR_NA0017_16_s_2020_222				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.20	Rating **	A/W	Issue No.	228
LM End	4.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.012288 °	38.012288 °
				-121.068239 °	-121.068239 °
DWR ID	DWR_NA0017_16_f_2012_228				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
This portion of the levee is non-project. Therefore, an A/W rating was given.					

Photo 1 of 1 : FA_2020_NA0017_160_228_20200901_00080.jpg



Picture of the slope instability on the waterside of the levee looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	4.25	Rating **	C	Issue No.	224
LM End	4.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.011551 °	38.011551 °
				-121.068458 °	-121.068458 °
DWR ID	DWR_NA0017_16_s_2020_224				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.27	Rating **	C	Issue No.	223
LM End	4.27	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.011365 °	38.011365 °
				-121.068509 °	-121.068509 °
DWR ID	DWR_NA0017_16_f_2019_223				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	4.38	Rating **	A/W	Issue No.	243
LM End	4.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.009861 °	38.009861 °
				-121.069021 °	-121.069021 °
DWR ID	DWR_NA0017_16_f_2016_243				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The erosion may cut into the access road if it is not repaired.					

Photo 1 of 1 : FA_2020_NA0017_160_243_20200901_00086.jpg



View of the erosion on the waterside slope of the levee. Fall 2016

*** 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	4.46	Rating **	M	Issue No.	225
LM End	4.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.008597 °	38.008597 °	
			-121.069367 °	-121.069367 °	
DWR ID	DWR_NA0017_16_s_2020_225				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.48	Rating **	M	Issue No.	196
LM End	4.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.008377 °	38.008377 °	
			-121.069459 °	-121.069459 °	
DWR ID	DWR_NA0017_16_f_2020_196				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.52	Rating **	M	Issue No.	197
LM End	4.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.007817 °	38.007817 °	
			-121.069680 °	-121.069680 °	
DWR ID	DWR_NA0017_16_f_2020_197				
Comment Code					
T2 : Thin trees 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	4.85	Rating **	A/W	Issue No.	245
LM End	4.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.003673 °	38.003673 °
				-121.072496 °	-121.072496 °
DWR ID	DWR_NA0017_16_s_2015_245				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Observe to make sure the erosion doesn't cut into the access road.					

Photo 1 of 1 : FA_2020_NA0017_160_245_20200901_00088.jpg



View of erosion on the waterside slope of the levee looking downstream.

LM Start	5.02	Rating **	M	Issue No.	226
LM End	5.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.001673 °	38.001673 °
				-121.074205 °	-121.074205 °
DWR ID	DWR_NA0017_16_s_2020_226				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.04	Rating **	M	Issue No.	198
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.001446 °	37.998656 °
				-121.074408 °	-121.076965 °
DWR ID	DWR_NA0017_16_f_2020_198				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.20	Rating **	A/W	Issue No.	265
LM End	5.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.999537 °	37.999537 °
				-121.076133 °	-121.076133 °
DWR ID	DWR_NA0017_16_f_2014_265				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This portion of the levee is non-project. Therefore, an A/W rating was given.					

Photo 1 of 1 : FA_2020_NA0017_160_265_20200901_00094.jpg



A slope instability was found on the waterside slope of the levee looking upstream.

LM Start	5.33	Rating **	A/W	Issue No.	11
LM End	5.38	Issue Type +	Ma	Location *	WS
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					
07/24/2020: From 2013 to present, no significant changes were					
observed during the annual survey.					
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 3 : SJR2019_NA0017U16RM17.81_01.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	5.33	Rating **	A/W	Issue No.	11 (cont)
LM End	5.38	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2019_NA0017U16RM17.81_02.JPG



7/24/2020: Close-up 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.33	Rating **	A/W	Issue No.	11 (cont)
LM End	5.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.997720 °	37.997720 °
				-121.077807 °	-121.077807 °
DWR ID	NA0017U16RM17.81				

Photo 3 of 3 : SJR2019_NA0017U16RM17.81_5.JPG



8/28/2019: Close-up view of the erosion.

LM Start	5.33	Rating **	M	Issue No.	238
LM End	5.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.998004 °	37.998004 °
				-121.077465 °	-121.077465 °
DWR ID	DWR_NA0017_16_s_2020_238				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.47	Rating **	C	Issue No.	239
LM End	5.47	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.996303 °	37.996303 °
				-121.078963 °	-121.078963 °
DWR ID	DWR_NA0017_16_s_2020_239				
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 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.48	Rating **	M	Issue No.	407	
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:35686 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 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. FIELD_STRUCT_DESC: *ABANDONED* 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: 4/30/2014						

Photo 1 of 3 : UCIP_FA_2020_35686_64327.jpg



Pipe visible in water at WS toe.

LM Start	5.48	Rating **	M	Issue No.	407 (cont)
LM End	5.48	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_35686_64326.jpg



Grout over pipe in channel on WS.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.54	Rating **	A/W	Issue No.	27 (cont)
LM End	5.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.995216 °	37.995216 °
				-121.080159 °	-121.080159 °
DWR ID	NA0017U16RM17.27				

Photo 2 of 3 : SJR2019_NA0017U16RM17.27_01.JPG



7/24:2020: Close-up view of the erosion.

LM Start	5.54	Rating **	A/W	Issue No.	27 (cont)
LM End	5.58	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM17.27_04.JPG



7/24:2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.71	Rating **	A/W	Issue No.	49
LM End	5.72	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.993525 °	37.993525 °
				-121.081679 °	-121.081679 °
DWR ID	NA0017U16RM17.11				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM17.11					
*This area is patrol road only and therefore the site is not rated					
07/24/2020: From 2015 to present, no significant changes were					
observed during the annual survey. The erosion is covered by dense					
vegetation.					
08/20/2014: The erosion is near a tree and probably has been made					
worse by the unstable bank slope.					

LM Start	5.71	Rating **	A/W	Issue No.	49 (cont)
LM End	5.72	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U16RM17.11_01.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 3 : SJR2019_NA0017U16RM17.11_02.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	5.71	Rating **	A/W	Issue No.	49 (cont)
LM End	5.72	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM17.11_4.JPG



8/28/2019: Close-up view of the erosion.

* 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	5.76	Rating **	M	Issue No.	199
LM End	5.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.992877 °	37.992877 °
				-121.082161 °	-121.082161 °
DWR ID	DWR_NA0017_16_f_2020_199				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.87	Rating **	A/W	Issue No.	264
LM End	5.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.991628 °	37.991628 °
				-121.083312 °	-121.083312 °
DWR ID	DWR_NA0017_16_f_2014_264				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
This portion of the levee is non-project. Therefore, an A/W rating was given.					

Photo 1 of 1 : FA_2020_NA0017_160_264_20200901_00093.jpg



Slope instability was found on the waterside of the levee looking upstream.

LM Start	6.16	Rating **	M	Issue No.	256
LM End	6.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.988265 °	37.988265 °
				-121.086366 °	-121.086366 °
DWR ID	DWR_NA0017_16_s_2020_256				
Comment Code					
T3 : Trim and thin trees 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	6.45	Rating **	U	Issue No.	57
LM End	6.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.984692 °	37.984692 °
				-121.089201 °	-121.089201 °
DWR ID	DWR_NA0017_16_s_2018_57				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair depression on patrol road.					

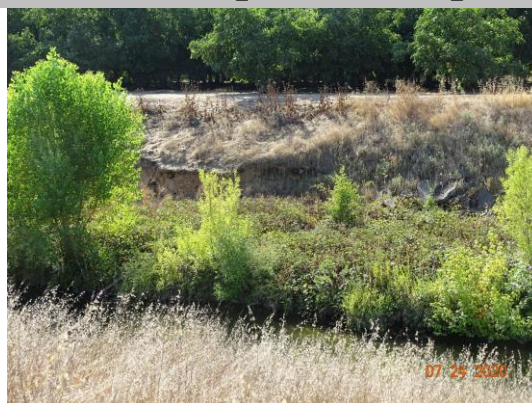
Photo 1 of 1 : FA_2020_NA0017_160_57_20201022_00357.jpg



View of depression on crown surface. Fall 2020

LM Start	6.49	Rating **	A/W	Issue No.	13
LM End	6.68	Issue Type +	Ma	Location *	WS
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					
Inspector Comment					
Site ID: NA0017U16RM16.27					
*This area is patrol road only and therefore the site is not rated					
07/24/2020: 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.					
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.					

Photo 1 of 3 : SJR2019_NA0017U16RM16.27_01.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 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	6.49	Rating **	A/W	Issue No.	13 (cont)
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.983279 °	37.983279 °	
			-121.090843 °	-121.090843 °	
DWR ID	NA0017U16RM16.27				

Photo 2 of 3 : SJR2019_NA0017U16RM16.27_02.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	6.49	Rating **	A/W	Issue No.	13 (cont)
LM End	6.68	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM16.27_06.JPG



7/24/2020: Close-up view of the erosion.

LM Start	6.70	Rating **	A/W	Issue No.	31
LM End	6.70	Issue Type +	Ma	Location *	WS
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
07/24/2020: No changes observed since the previous inspection.
08/29/2019: There is no levee at the site. The erosion is likely caused by the rainfall runoff.

Photo 1 of 3 : SJR2019_NA0017U16RM16.15_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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	7.16	Rating **	C	Issue No.	249
LM End	7.16	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.978866 °	37.978866 °
				-121.099268 °	-121.099268 °
DWR ID	DWR_NA0017_16_f_2019_249				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	7.25	Rating **	M	Issue No.	200
LM End	7.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.978330 °	37.978330 °
				-121.100789 °	-121.100789 °
DWR ID	DWR_NA0017_16_f_2020_200				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	7.29	Rating **	A/W	Issue No.	29
LM End	7.31	Issue Type +	Ma	Location *	WS
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					

Comment Code

Inspector Comment

Site ID: NA0017U16RM15.57

*This area is patrol road only and therefore the site is not rated
07/24/2020: From 2013 to present, no significant changes were observed during the annual survey. Note: 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.

LM Start	7.29	Rating **	A/W	Issue No.	29 (cont)
LM End	7.31	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U16RM15.57_02.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 3 : SJR2019_NA0017U16RM15.57_03.JPG



7/24/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	7.29	Rating **	A/W	Issue No.	29 (cont)
LM End	7.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.978194 °	37.978194 °
				-121.101696 °	-121.101696 °
DWR ID	NA0017U16RM15.57				

Photo 3 of 3 : SJR2019_NA0017U16RM15.57_5.JPG



8/29/2020: Close-up view of the erosion.

LM Start	7.42	Rating **	A/W	Issue No.	32
LM End	7.43	Issue Type +	Ma	Location *	WS
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

07/24/2020: 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.

LM Start	7.42	Rating **	A/W	Issue No.	32 (cont)
LM End	7.43	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U16RM15.45_03.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 3 : SJR2019_NA0017U16RM15.45_04.JPG



7/24/2020: Close-up view of the eroding fill.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	7.42	Rating **	A/W	Issue No.	32 (cont)
LM End	7.43	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.977421 °	37.977421 °
				-121.103507 °	-121.103507 °
DWR ID	NA0017U16RM15.45				

Photo 3 of 3 : SJR2019_DWR_NA0017_16_f_2015_237_2.JPG



8/27/2019: Close-up view of the erosion.

LM Start	7.72	Rating **	M	Issue No.	201
LM End	7.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.974728 °	37.974294 °
				-121.107792 °	-121.108459 °
DWR ID	DWR_NA0017_16_f_2020_201				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	7.93	Rating **	M	Issue No.	202
LM End	7.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.972978 °	37.972978 °
				-121.111085 °	-121.111085 °
DWR ID	DWR_NA0017_16_f_2020_202				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	8.08	Rating **	M	Issue No.	203
LM End	8.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.971597 °	37.969053 °
				-121.113006 °	-121.117573 °
DWR ID	DWR_NA0017_16_f_2020_203				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	8.17	Rating **	A	Issue No.	255
LM End	8.17	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.970427 °	37.970427 °
				-121.113623 °	-121.113623 °
DWR ID	DWR_NA0017_16_f_2017_255				
Comment Code					
Inspector Comment					
Woody vegetation may impede the flow of the channel at this location.					

Photo 1 of 1 : FA_2020_NA0017_160_255_20200901_00091.jpg



View of woody vegetation on the channel looking upstream. Fall 2017

*** 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	8.33	Rating **	A/W	Issue No.	14
LM End	8.40	Issue Type +	Ma	Location *	WS
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					
07/24/2020: From 2013 to present, no significant changes were					
observed during the annual survey.					
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.					

LM Start	8.33	Rating **	A/W	Issue No.	14 (cont)
LM End	8.40	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2019_NA0017U16RM14.48_02.JPG



7/24/2020: View of the erosion from the opposite bank looking downstream.

Photo 2 of 3 : SJR2019_NA0017U16RM14.48_03.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	8.33	Rating **	A/W	Issue No.	14 (cont)
LM End	8.40	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SJR2019_NA0017U16RM14.48_04.JPG



7/24/2020: View of the erosion looking downstream.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	8.99	Rating **	A/W	Issue No.	18
LM End	8.99	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR Erosion Survey		37.966524 °	37.966524 °	
			-121.125900 °	-121.125900 °	
DWR ID	NA0017U16RM13.86				

Comment Code

Inspector Comment

Site ID: NA0017U16RM13.86

*This area is patrol road only and therefore the site is not rated
07/24/2020: From 2013 to present, no significant changes were observed during the annual survey.
08/22/2012: Pocket erosion at the levee toe and slope. The erosion is covered with dense vegetation. There is no levee structure on site.

LM Start	8.99	Rating **	A/W	Issue No.	18 (cont)
LM End	8.99	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U16RM13.86_02.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U16RM13.86_2.jpg



8/29/2019: Close-up 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.00	Rating **	A/W	Issue No.	30
LM End	9.00	Issue Type +	Ma	Location *	WS
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					
07/24/2020: From 2014 to present, no significant changes were					
observed during the annual survey.					
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 : SJR2019_NA0017U16RM13.85_01.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	9.00	Rating **	A/W	Issue No.	30 (cont)
LM End	9.00	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2019_NA0017U16RM13.85_02.JPG



7/24/2020: 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.02	Rating **	A/W	Issue No.	46
LM End	9.02	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.966639 °	37.966639 °
				-121.127716 °	-121.127716 °
DWR ID	NA0017U16RM13.83				
Comment Code					
Inspector Comment					
Site ID: NA0017U16RM13.83					
*This area is patrol road only and therefore the site is not rated					
7/24/2020: The site was discovered during the 2020 field survey. The					
erosion has cut into the bank. Medium to dense vegetation is covering					
the scarp and slope.					

Photo 1 of 1 : SJR2019_NA0017U16RM13.83_04.JPG



7/24/2020: View from the opposite bank. The erosion has cut into the bank.

LM Start	9.11	Rating **	A/W	Issue No.	21
LM End	9.13	Issue Type +	Ma	Location *	WS
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					
07/24/2020: From 2013 to present, no significant changes were observed during the annual survey.					
08/22/2012: The erosion is covered with dense vegetation. There is no levee structure on site.					

Photo 1 of 2 : SJR2019_NA0017U16RM13.72_02.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	9.11	Rating **	A/W	Issue No.	21 (cont)
LM End	9.13	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2019_NA0017U16RM13.72_03.JPG



7/24/2020: Close-up 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.31	Rating **	A/W	Issue No.	22
LM End	9.33	Issue Type +	Ma	Location *	WS
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					
07/24/2020: From 2013 to present, no significant changes were					
observed during the annual survey.					
08/22/2012: The erosion is on berm. The berm width is estimated.					
There is no levee structure on site.					

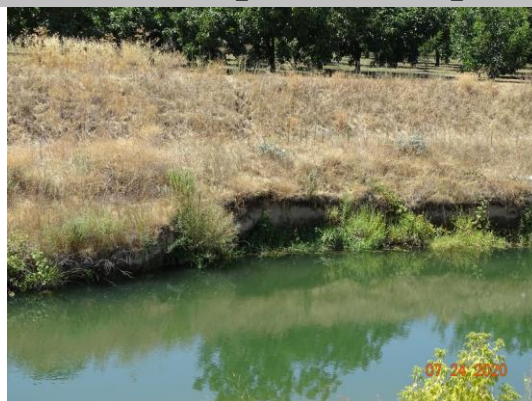
Photo 1 of 2 : SJR2019_NA0017U16RM13.53_01.JPG



7/24/2020: View of the erosion from the opposite bank.

LM Start	9.31	Rating **	A/W	Issue No.	22 (cont)
LM End	9.33	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2019_NA0017U16RM13.53_04.JPG



7/24/2020: Close-up view of the erosion.

LM Start	9.33	Rating **	C	Issue No.	304
LM End	9.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.966739 °	37.966739 °
				-121.133254 °	-121.133254 °
DWR ID	DWR_NA0017_16_s_2016_304				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.48	Rating **	A/W	Issue No.	28
LM End	9.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.966239 °	37.966239 °
				-121.136172 °	-121.136172 °
DWR ID	DWR_NA0017_16_f_2013_28				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion was found on the waterside toe of the levee.					

Photo 1 of 1 : FA_2020_NA0017_160_28_20200901_00015.jpg



View of the erosion on the waterside toe of the levee looking from the opposite side of the levee.

LM Start	9.48	Rating **	M	Issue No.	422
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:36144					
EP_NO: N/A					
Repair Type: Non-Urgent					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: Inlet appears to be buried with soil on LS. Pipe heavily corroded at outlet on WS toe. Good candidate for video inspection.					
FIELD_STRUCT_DESC: 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: 4/30/2014					

Photo 1 of 3 : UCIP_FA_2020_36144_65406.jpg



Inlet on LS shoulder buried in soil.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.48	Rating **	M	Issue No.	422 (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_2020_36144_65405.jpg



Grout over pipe on WS slope with pipe visible in water at WS toe.

LM Start	9.48	Rating **	M	Issue No.	422 (cont)
LM End	9.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_36144_65404.jpg



Pipe completely rusted through at outlet on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	423	
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:36145						
EP_NO: N/A						
Repair Type: Non-Urgent						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Inlet on LS buried in soil.						
FIELD_STRUCT_DESC: 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: 4/30/2014						

LM Start	9.78	Rating **	M	Issue No.	423 (cont)
LM End	9.78	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_36145_65409.jpg



Grout over pipe on WS slope.

Photo 2 of 3 : UCIP_FA_2020_36145_65408.jpg



Pipe at outlet on WS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.78	Rating **	M	Issue No.	423 (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_2020_36145_65407.jpg



Inlet appears to be buried in soil on LS shoulder.

LM Start	9.86	Rating **	A/W	Issue No.	24
LM End	9.88	Issue Type +	Ma	Location *	WS
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
07/24/2020: From 2013 to present, no significant changes were observed during the annual survey.

08/22/2012: Dense vegetation on site. There is no levee structure on site.

LM Start	9.86	Rating **	A/W	Issue No.	24 (cont)
LM End	9.88	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : SJR2019_NA0017U16RM12.95_02.JPG



7/24/2020: View of the erosion from the opposite bank.

Photo 2 of 2 : SJR2019_NA0017U16RM12.95_04.JPG



7/24/2020: Close-up 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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	9.98	Rating **	M	Issue No.	204
LM End	9.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.964671 °	37.964671 °
				-121.144552 °	-121.144552 °
DWR ID	DWR_NA0017_16_f_2020_204				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Arundo is located on the waterside shoulder.					

No Photos

LM Start	10.20	Rating **	M	Issue No.	425
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:36163 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: Heavy sediment buildup at inlet on LS toe. FIELD_STRUCT_DESC: 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: 4/30/2014					

Photo 1 of 3 : UCIP_FA_2020_36163_65442.jpg



Pipe and flapgate visible on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	10.20	Rating **	M	Issue No.	425 (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 2 of 3 : UCIP_FA_2020_36163_65441.jpg



Pipe and headwall visible at LS toe.

LM Start	10.20	Rating **	M	Issue No.	425 (cont)
LM End	10.20	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_36163_65440.jpg



Headwall and pipe with heavy sediment buildup on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	10.21	Rating **	A/W	Issue No.	427
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				
Comment Code					
Inspector Comment					
DS_ID:23348 FS_ID:36164 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 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: 4/30/2014					

Photo 1 of 3 : UCIP_FA_2020_36164_65445.jpg



Pipe and concrete headwall on LS toe.

LM Start	10.21	Rating **	A/W	Issue No.	427 (cont)
LM End	10.21	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_36164_65444.jpg



Pipe and concrete headwall on LS toe. Sediment buildup on LS toe.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	10.21	Rating **	A/W	Issue No.	427 (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 3 of 3 : UCIP_FA_2020_36164_65443.jpg



Pipe and flapgate visible on WS slope.

LM Start	10.39	Rating **	M	Issue No.	286
LM End	10.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.964383 °	37.964383 °
				-121.151935 °	-121.151935 °
DWR ID	DWR_NA0017_16_s_2020_286				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.42	Rating **	M	Issue No.	289	
LM End	10.42	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			37.964316 °		37.964316 °
				-121.152484 °		-121.152484 °
DWR ID	DWR_NA0017_16_s_2020_289					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

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 2 : FA_2020_NA0017_160_288_20200901_00106.jpg



View of erosion/bank caving on waterside bank. Fall 2019

LM Start	10.57	Rating **	M	Issue No.	288 (cont)
LM End	10.57	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2020_NA0017_160_288_20200901_00107.jpg



View of erosion/bank caving on waterside bank. Fall 2019

LM Start	10.75	Rating **	C	Issue No.	283
LM End	10.87	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.962547 °	37.961495 °
				-121.158101 °	-121.159824 °
DWR ID	DWR_NA0017_16_s_2016_283				
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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	11.08	Rating **	A/W	Issue No.	434	
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:36186						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments:						
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: 5/6/2014						

Photo 1 of 2 : UCIP_FA_2020_36186_65505.jpg



Pipe at inlet on LS toe.

LM Start	11.08	Rating **	A/W	Issue No.	434 (cont)
LM End	11.08	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_FA_2020_36186_65504.jpg



Grout over pipe on WS slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	11.15	Rating **	A/W	Issue No.	435
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:36187					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
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: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2020_36187_65508.jpg



Pipe and headwall visible on LS toe.

LM Start	11.15	Rating **	A/W	Issue No.	435 (cont)
LM End	11.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_36187_65507.jpg



Pipe, flapgate, and headwall visible 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	11.15	Rating **	A/W	Issue No.	435 (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 3 of 3 : UCIP_FA_2020_36187_65506.jpg



Pipe, flapgate, and headwall visible on WS shoulder.

LM Start	11.29	Rating **	M	Issue No.	303
LM End	11.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960092 °	37.960092 °
				-121.167039 °	-121.167039 °
DWR ID	DWR_NA0017_16_f_2019_303				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.58	Rating **	M	Issue No.	300
LM End	11.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.960758 °	37.960758 °
				-121.172151 °	-121.172151 °
DWR ID	DWR_NA0017_16_s_2020_300				
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	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	11.72	Rating **	M	Issue No.	305
LM End	11.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.961148 °	37.961148 °
				-121.174810 °	-121.174810 °
DWR ID	DWR_NA0017_16_f_2019_305				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	11.92	Rating **	A/W	Issue No.	438
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:36208 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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: 5/6/2014					

Photo 1 of 3 : UCIP_FA_2020_36208_65571.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	11.92	Rating **	A/W	Issue No.	438 (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 2 of 3 : UCIP_FA_2020_36208_65570.jpg



Pipe and concrete headwall on WS slope.

LM Start	11.92	Rating **	A/W	Issue No.	438 (cont)
LM End	11.92	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2020_36208_65569.jpg



Pipe, 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	12.26	Rating **	A/W	Issue No.	440
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:36225 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 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: 5/6/2014					

LM Start	12.26	Rating **	A/W	Issue No.	440 (cont)
LM End	12.26	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_36225_65589.jpg



Grouted spillway on WS berm.

Photo 2 of 3 : UCIP_FA_2020_36225_65588.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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	12.26	Rating **	A/W	Issue No.	440 (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 3 of 3 : UCIP_FA_2020_36225_65587.jpg



Concrete headwall on LS toe.

LM Start	12.63	Rating **	M	Issue No.	215
LM End	12.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.960190 °	37.959410 °
				-121.191230 °	-121.194539 °
DWR ID	DWR_NA0017_16_f_2020_215				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	12.89	Rating **	C	Issue No.	306
LM End	12.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.959878 °	37.959878 °
				-121.195690 °	-121.195690 °
DWR ID	DWR_NA0017_16_f_2019_306				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	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_2020_NA0017_160_277_20200901_00100.jpg



View of fill material stored landside shoulder. (Spring 2019)

LM Start	13.95	Rating **	M	Issue No.	279
LM End	13.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.964696 °	37.964696 °
				-121.212580 °	-121.212580 °
DWR ID	DWR_NA0017_16_s_2019_279				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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	Slope Stability			37.965835 °	37.965835 °
				-121.214884 °	-121.214884 °
DWR ID	DWR_NA0017_16_s_2018_246				
Comment Code					
S2 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	16.32	Rating **	U	Issue No.	316
LM End	16.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.981633 °	37.981711 °
				-121.250452 °	-121.250620 °
DWR ID	DWR_NA0017_16_f_2019_316				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path cutting into waterside slope.					

Photo 1 of 1 : FA_2020_NA0017_160_316_20200901_00116.jpg



View of foot path cutting into waterside slope. Spring 2020

LM Start	16.40	Rating **	C	Issue No.	317
LM End	16.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.982188 °	37.982188 °
				-121.251709 °	-121.251709 °
DWR ID	DWR_NA0017_16_f_2019_317				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Waterside slope has been repaired.					

No Photos

LM Start	16.59	Rating **	C	Issue No.	267
LM End	16.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.983468 °	37.983468 °
				-121.254758 °	-121.254758 °
DWR ID	DWR_NA0017_16_f_2018_267				
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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	17.00	Rating **	M	Issue No.	220
LM End	17.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.986259 °	37.987275 °
				-121.261288 °	-121.263673 °
DWR ID	DWR_NA0017_16_f_2020_220				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.14	Rating **	M	Issue No.	293
LM End	17.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.987210 °	37.987210 °
				-121.263501 °	-121.263501 °
DWR ID	DWR_NA0017_16_s_2016_293				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Landside slope erosion caused by foot traffic.					

Photo 1 of 1 : FA_2020_NA0017_160_293_20200901_00108.jpg



View of an erosion on the landside slope of the levee.

LM Start	17.19	Rating **	A/W	Issue No.	357
LM End	17.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.987602 °	37.987602 °
				-121.264373 °	-121.264373 °
DWR ID	DWR_NA0017_16_s_2020_357				
Comment Code					
S2 : 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	17.32	Rating **	M	Issue No.	358
LM End	17.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.988432 °	37.988432 °
				-121.266343 °	-121.266343 °
DWR ID	DWR_NA0017_16_s_2020_358				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_160_358_20201022_00363.jpg



View of foot path on landside slope caused by pedestrian traffic. Fall 2020

LM Start	17.49	Rating **	M	Issue No.	227
LM End	17.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.989677 °	37.991968 °
				-121.269217 °	-121.274749 °
DWR ID	DWR_NA0017_16_f_2020_227				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.69	Rating **	C	Issue No.	325
LM End	17.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.990961 °	37.990961 °
				-121.272371 °	-121.272371 °
DWR ID	DWR_NA0017_16_f_2019_325				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Slope has been repaired.					

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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	17.83	Rating **	A/W	Issue No.	327
LM End	17.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.991949 °	37.991949 °
				-121.274683 °	-121.274683 °
DWR ID	DWR_NA0017_16_f_2019_327				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path on waterside slope.					

Photo 1 of 1 : FA_2020_NA0017_160_327_20200901_00117.jpg



View of foot path on waterside slope. Fall 2019

LM Start	17.87	Rating **	A/W	Issue No.	328
LM End	17.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.992220 °	37.992369 °
				-121.275317 °	-121.275637 °
DWR ID	DWR_NA0017_16_f_2019_328				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot path cutting into waterside slope.					

Photo 1 of 1 : FA_2020_NA0017_160_328_20200901_00118.jpg



View of foot path cutting into waterside slope. Fall 2019

LM Start	18.38	Rating **	M	Issue No.	309
LM End	18.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.992845 °	37.992845 °
				-121.283845 °	-121.283845 °
DWR ID	DWR_NA0017_16_f_2018_309				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_160_309_20201022_00364.jpg



View of animal burrow on landside slope. Fall 2020

*** Location**

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

**** Rating**

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

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	18.69	Rating **	C	Issue No.	359
LM End	18.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.992818 °	37.992818 °
				-121.289492 °	-121.289492 °
DWR ID	DWR_NA0017_16_s_2020_359				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.92	Rating **	M	Issue No.	331
LM End	18.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.992042 °	37.992042 °
				-121.293463 °	-121.293463 °
DWR ID	DWR_NA0017_16_f_2019_331				
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_2020_NA0017_160_65_20200901_00038.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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	19.00	Rating **	C	Issue No.	362
LM End	19.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991731 °	37.991731 °
				-121.294966 °	-121.294966 °
DWR ID	DWR_NA0017_16_s_2020_362				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	19.12	Rating **	M	Issue No.	332
LM End	19.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991318 °	37.991318 °
				-121.297086 °	-121.297086 °
DWR ID	DWR_NA0017_16_s_2020_332				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	19.15	Rating **	N	Issue No.	310
LM End	19.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.991113 °	37.991113 °
				-121.297598 °	-121.297598 °
DWR ID	DWR_NA0017_16_f_2018_310				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_160_310_20200901_00113.jpg



View of tree stumps on the landside slope (October 2018).

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	20.27	Rating **	C	Issue No.	370
LM End	20.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981975 °	37.981975 °
				-121.312119 °	-121.312119 °
DWR ID	DWR_NA0017_16_s_2020_370				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	20.30	Rating **	M	Issue No.	232
LM End	20.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.981643 °	37.981643 °
				-121.312588 °	-121.312588 °
DWR ID	DWR_NA0017_16_s_2019_232				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	20.55	Rating **	C	Issue No.	333
LM End	20.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.979521 °	37.979521 °
				-121.316095 °	-121.316095 °
DWR ID	DWR_NA0017_16_f_2019_333				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	20.56	Rating **	C	Issue No.	334
LM End	20.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.979482 °	37.979482 °	
			-121.316371 °	-121.316371 °	
DWR ID	DWR_NA0017_16_f_2019_334				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	20.58	Rating **	C	Issue No.	335
LM End	20.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.979429 °	37.978880 °	
			-121.316671 °	-121.317836 °	
DWR ID	DWR_NA0017_16_f_2019_335				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

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	21.50	Rating **	M	Issue No.	311
LM End	21.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.979798 °	37.979762 °
				-121.332170 °	-121.332362 °
DWR ID	DWR_NA0017_16_f_2018_311				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
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_2020_NA0017_160_62_20200901_00036.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 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	22.04	Rating **	A/W	Issue No.	48
LM End	22.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.978697 °	37.978697 °
				-121.341581 °	-121.341581 °
DWR ID	DWR_NA0017_16_s_2012_48				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Caltrans repaired the issue. (Permit # 18562) Another repair might be needed if it deteriorates.					

Photo 1 of 2 : FA_2020_NA0017_160_48_20200901_00027.jpg



View of the riprap on the waterside slope of the levee. Fall 2016

LM Start	22.04	Rating **	A/W	Issue No.	48 (cont)
LM End	22.04	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2020_NA0017_160_48_20200901_00028.jpg



Picture of erosion was found on the waterside toe of the levee looking from the opposite side of the levee. Fall 2013

LM Start	22.19	Rating **	A/W	Issue No.	244	
LM End	22.19	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.977185 °		37.977185 °
				-121.343687 °		-121.343687 °
DWR ID	LMA-301					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
2017 strom damage site, ID No. 474, LMA-301. Erosion along the left bank of the waterside slope.						

Photo 1 of 1 : LEVAL_FA_2020_474_2234.jpg



* 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 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	22.85	Rating **	U	Issue No.	2
LM End	23.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.969831 °	37.966144 °
				-121.350847 °	-121.360210 °
DWR ID	DWR_NA0017_16_s_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_160_2_20200901_00001.jpg



View of vegetation on waterside slope. Fall 2019

LM Start	22.87	Rating **	A/W	Issue No.	471
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:37423					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments:					
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: 5/8/2014					

Photo 1 of 2 : UCIP_FA_2020_37423_67881.jpg



Pipe visible on WS slope with siphon breaker in 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
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	22.87	Rating **	A/W	Issue No.	471 (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 2 of 2 : UCIP_FA_2020_37423_67880.jpg



Pipe and pumphouse visible on LS toe.

LM Start	22.87	Rating **	A/W	Issue No.	472
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:37424
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments:
 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: 5/8/2014

Photo 1 of 2 : UCIP_FA_2020_37424_67883.jpg



Pipe and siphon breaker at left of photo.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/21/2020 10/22/2020	Alberto De Leon

LM Start	22.87	Rating **	A/W	Issue No.	472 (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 2 : UCIP_FA_2020_37424_67882.jpg



Pipe and pumphouse on LS toe.

LM Start	22.88	Rating **	M	Issue No.	380
LM End	22.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.969709 °	37.969709 °
				-121.351313 °	-121.351313 °
DWR ID	DWR_NA0017_16_s_2020_380				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	23.08	Rating **	M	Issue No.	339
LM End	23.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.969055 °	37.969055 °
				-121.354546 °	-121.354546 °
DWR ID	DWR_NA0017_16_f_2019_339				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.06	Rating **	U	Issue No.	10
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.960241 °	37.960241 °	
			-121.162373 °	-121.162373 °	
DWR ID	DWR_NA0017_17_f_2019_10				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA_2020_NA0017_161_10_20201022_00011.jpg



View of large animal burrows on waterside slope. Fall 2020

LM Start	0.07	Rating **	M	Issue No.	11
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.960189 °	37.959503 °	
			-121.162206 °	-121.157903 °	
DWR ID	DWR_NA0017_17_f_2019_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.00	Rating **	A/W	Issue No.	9	
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:33112						
EP_NO: N/A						
Repair Type: No Action Needed						
EVAL Issue:						
Crossing Status: Found						
UCIP Comments: Looks well maintained crossing.						
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: 4/4/2014						

LM Start	0.00	Rating **	A/W	Issue No.	9 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2020_33112_59886.jpg



WS view: overview of pipe culvert and grouted riprap spillway.

Photo 2 of 3 : UCIP_FA_2020_33112_59885.jpg



WS view: close view of CM pipe, flapgate, and concrete headwall.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.00	Rating **	A/W	Issue No.	9 (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_2020_33112_59884.jpg



LS view: concrete headwall of pipe culvert.

LM Start	0.28	Rating **	A	Issue No.	7
LM End	0.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.958662 °	37.960326 °
				-121.153018 °	-121.164246 °
DWR ID	DWR_NA0017_18_f_2020_7				
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_2020_NA0017_162_7_20201022_00013.jpg



Typical view of vegetation on waterside slope. Fall 2020

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.28	Rating **	A/W	Issue No.	10
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:33113 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: Long flood wall along the levee. 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: 4/4/2014					

Photo 1 of 3 : UCIP_FA_2020_33113_59893.jpg



WS view: CM pipe, flapgate, and concrete headwall on levee slope.

LM Start	0.28	Rating **	A/W	Issue No.	10 (cont)
LM End	0.28	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_33113_59892.jpg



WS view: concrete flood wall along the levee on waterside.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.28	Rating **	A/W	Issue No.	10 (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_2020_33113_59891.jpg



WS view: CM pipe, intake box, and concrete headwall on levee slope.

LM Start	0.29	Rating **	A	Issue No.	8
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.958655 °	37.960327 °
				-121.153316 °	-121.164246 °
DWR ID	DWR_NA0017_18_f_2020_8				
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_2020_NA0017_162_8_20201022_00014.jpg



Typical view of vegetation on landside slope. Fall 2020

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.53	Rating **	A/W	Issue No.	11
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:33114					
EP_NO: N/A					
Repair Type: No Action Needed					
EVAL Issue:					
Crossing Status: Found					
UCIP Comments: May need cleaning the pipe.					
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: 4/4/2014					

Photo 1 of 3 : UCIP_FA_2020_33114_59898.jpg



WS view: CM pipe, flapgate, and concrete headwall on levee slope.

LM Start	0.53	Rating **	A/W	Issue No.	11 (cont)
LM End	0.53	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2020_33114_59897.jpg



LS view: CM pipe, inlet box, and concrete headwall on levee slope.

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

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

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	10/22/2020 10/22/2020	Alberto De Leon

LM Start	0.53	Rating **	A/W	Issue No.	11 (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 3 of 3 : UCIP_FA_2020_33114_59899.jpg



LS view: closer view of CM pipe. May need to clean and clear mud from the pipe.

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