Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.00**	Rating **	A	Issue No.	**23**
LM End	**0.00**	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0010_01_s _ 2013_23				

Comment Code

Inspector Comment

The LMA maintains a copy of the O&M manuals on file at district office.

No Photos

LM Start	**0.00**	Rating **	A	Issue No.	**24**
LM End	**0.00**	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0010_01_s _ 2013_24				

Comment Code

Inspector Comment

The LMA has adequate supplies and equipment for flood response.

No Photos

LM Start	**0.00**	Rating **	A	Issue No.	**25**
LM End	**0.00**	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0010_01_s _ 2013_25				

Comment Code

Inspector Comment

LMA preparedness and training is adequate for flood response.

No Photos

* 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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19650
FS_ID:39091
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope and landward toe. Recommend removing vegetation along pipe alignment and landward toe to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS), elevation 65.1 feet, USGS Datum. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.02)].
FS Date: 4/8/2014 7:34:00 AM

Photo 1 of 3 : UCIP_SP_2020_39091_60601.jpg

Flapgate on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39091_60600.jpg

Flapgate on WS toe.

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

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39091_60602.jpg

Headwall on LS toe.

LM Start	**0.00**	Rating **	M	Issue No.	**95**
LM End	**2.53**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.348637 °	37.328311 °
				-120.958840 °	-120.933763 °
DWR ID	DWR_NA0010_01_s _ 2020_95				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_95_20200505_00286.jpg

View of the landside slope looking upstream. (Spring 2020)

LM Start	**0.00**	Rating **	M	Issue No.	**96**
LM End	**2.55**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.348637 °	37.328220 °
				-120.958840 °	-120.933584 °
DWR ID	DWR_NA0010_01_s _ 2020_96				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_96_20200505_00287.jpg

Looking upstream along the waterside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.12**	Rating **	M	Issue No.	**143**
LM End	**0.12**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.347444 °	37.347444 °
				-120.960311 °	-120.960311 °
DWR ID	DWR_NA0010_01_s _ 2020_143				

Comment Code

TR : Tree or limb

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_143_20200505_00288.jpg

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

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

Comment Code

Inspector Comment

DS_ID:19651
FS_ID:39092
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Pipe has significant sediment buildup and shows some signs of corrosion at landward toe. Recommend cleaning sediment from inside pipe and check wall integrity. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 18.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.35)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39092_60611.jpg

Flapgate and headwall visible off WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39092_60613.jpg

Flapgate and headwall visible off WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_39092_60612.jpg

Pipe and headwall visible off LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19583
FS_ID:39095
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Recommend removing vegetation pile from waterward toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.62)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39095_60622.jpg

Flapgate and headwall visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39095_60623.jpg

Flapgate and headwall visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39095_60621.jpg

Pipe and headwall visible on LS toe.

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

Comment Code

Inspector Comment

DS_ID:19584
FS_ID:33524
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.87)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33524_60627.jpg

Pipe, flapgate, and headwall visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_33524_60626.jpg

Pipe and headwall visible on LS toe.

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

Photo 3 of 3 : UCIP_SP_2020_33524_60625.jpg

Pipe and headwall visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19585
FS_ID:39096
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Moderate erosion around headwall on landward toe. May or may not be an issue. Need to contact owner to determine status of crossing and to address erosion issue on landward side. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.95)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39096_60632.jpg

Flapgate, pipe, and headwall on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39096_60631.jpg

Concrete headwall and pipe visible at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39096_60633.jpg

Flapgate, pipe, and headwall on WS toe.

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

Comment Code

Inspector Comment

DS_ID:19586
FS_ID:33543
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.17)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33543_60642.jpg

Pipe, headwall, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_33543_60643.jpg

Pipe, headwall, and flapgate visible on WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_33543_60641.jpg

Headwall and pipe visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19587
FS_ID:33544
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). Pipe crosses through the levee at about a 45 degree angle to the crown. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.34)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33544_60649.jpg

Concrete headwall and flapgate visible at WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_33544_60648.jpg

Concrete headwall and flapgate visible at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_33544_60647.jpg

Concrete headwall and pipe visible at LS toe.

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

Comment Code

Inspector Comment

DS_ID:19588
FS_ID:39099
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Some sediment buildup inside pipe at LS toe. Recommend contacting owner to clear sediment buildup and check wall integrity through pipe section. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.48)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39099_60652.jpg

Pipe, flapgate, and concrete headwall visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39099_60653.jpg

Pipe, flapgate, and concrete headwall visible on WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_39099_60651.jpg

Pipe and concrete headwall visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19589
FS_ID:33563
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Heavy sediment buildup in pipe at LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 108 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.69)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33563_60661.jpg

Pipe, headwall, and flapgate visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_33563_60663.jpg

Pipe, headwall, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_33563_60662.jpg

Pipe and headwall visible on LS toe.

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

Comment Code

Inspector Comment

DS_ID:19590
FS_ID:33564
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.83)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33564_60666.jpg

Pipe, flapgate, and headwall visible at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_33564_60667.jpg

Pipe, flapgate, and headwall visible at WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_33564_60665.jpg

Pipe and concrete headwall visible at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19591
FS_ID:39100
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Need to contact owner to determine crossing status. Inlet drop box silted in and needs to be cleaned out. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.98)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39100_60670.jpg

Concrete headwall and flapgate on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39100_60672.jpg

Pipe, flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39100_60671.jpg

Wooded barrier around drop-inlet on LS toe.

LM Start	**1.98**	Rating **	M	Issue No.	**99**
LM End	**1.98**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.334173 °	37.334173 °
				-120.939886 °	-120.939886 °
DWR ID	DWR_NA0010_01_s _ 2020_99				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent burrows on both sides of the levee.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19570
FS_ID:39123
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Unable to find inlet on landward toe. Recommend clearing vegetation on landward side to properly inspect inlet. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.08)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39123_60675.jpg

Pipe and flapgate visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39123_60676.jpg

Pipe and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39123_60674.jpg

Wooded barrier around drop-inlet on LS toe.

LM Start	**2.20**	Rating **	N	Issue No.	**110**
LM End	**2.20**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.331820 °	37.331820 °
				-120.937605 °	-120.937605 °
DWR ID	DWR_NA0010_01_f _ 2018_110				

Comment Code

T5 : Tree stumps.

Inspector Comment

Tree stump on landside slope should be removed.

Photo 1 of 1 : SP_2020_NA0010_118_110_20200225_00021.jpg

View of tree stump on landside slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.22**	Rating **	A/W	Issue No.	**1197**
LM End	**2.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.331611 °	37.331611 °
				-120.937455 °	-120.937455 °
DWR ID	19571				

Comment Code

Inspector Comment

DS_ID:19571
FS_ID:39125
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). Wooden barrier around drop inlet on the LS toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.25)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39125_71309.jpg

Pipe and flapgate on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39125_71308.jpg

Pipe and headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39125_71307.jpg

Pipe and headwall on LS toe.

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

Comment Code

Inspector Comment

DS_ID:19572
FS_ID:33568
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.52)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_33568_60679.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_33568_60680.jpg

Pipe, headwall, and flapgate on WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_33568_60678.jpg

Pipe and headwall on LS toe.

LM Start	**2.58**	Rating **	A/W	Issue No.	**113**
LM End	**2.58**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.327936 °	37.327936 °
				-120.933013 °	-120.933013 °
DWR ID	DWR_NA0010_01_f _ 2018_113				

Comment Code
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment
There is damage caused by vehicle traffic over the levee.

Photo 1 of 1 : SP_2020_NA0010_118_113_20200506_00289.jpg

Slope damage by vehicle traffic. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.67**	Rating **	M	Issue No.	**1199**
LM End	**2.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.327362 °	37.327362 °
				-120.931591 °	-120.931591 °
DWR ID	19573				

Comment Code

Inspector Comment

DS_ID:19573
FS_ID:39127
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Sedimentation in pipe at landward toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.70)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39127_60688.jpg

Pipe, flapgate, and headwall on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39127_60689.jpg

Pipe, flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.67**	Rating **	M	Issue No.	**1199 (cont)**
LM End	**2.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.327362 °	37.327362 °
				-120.931591 °	-120.931591 °
DWR ID	19573				

Photo 3 of 3 : UCIP_SP_2020_39127_60687.jpg

Pipe and headwall on LS toe.

LM Start	**2.99**	Rating **	M	Issue No.	**114**
LM End	**2.99**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.323328 °	37.323328 °
				-120.929521 °	-120.929521 °
DWR ID	DWR_NA0010_01_f _ 2018_114				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage caused by livestock on both landside and waterside slope.

Photo 1 of 1 : SP_2020_NA0010_118_114_20200506_00292.jpg

Slope damage from livestock activity. (Spring 2020)

LM Start	**3.06**	Rating **	A/W	Issue No.	**104**
LM End	**3.06**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.322499 °	37.322499 °
				-120.928986 °	-120.928986 °
DWR ID	DWR_NA0010_01_f _ 2017_104				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage caused by foot traffic.

Photo 1 of 1 : SP_2020_NA0010_118_104_20200225_00018.jpg

Looking northeast at the landside slope. (Fall 2017)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**3.10**	Rating **	M	Issue No.	**115**
LM End	**3.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321903 °	37.321903 °
				-120.928748 °	-120.928748 °
DWR ID	DWR_NA0010_01_f _ 2018_115				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage caused by livestock traffic.

Photo 1 of 1 : SP_2020_NA0010_118_115_20200225_00026.jpg

View of erosion path looking downstream. (Fall 2018)

LM Start	**3.13**	Rating **	M	Issue No.	**108**
LM End	**3.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321488 °	37.321488 °
				-120.928758 °	-120.928758 °
DWR ID	DWR_NA0010_01_s _ 2017_108				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage caused by animal traffic on landside toe.

Photo 1 of 1 : SP_2020_NA0010_118_108_20200225_00019.jpg

Looking west at slope damage caused by animal traffic.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19574
FS_ID:39128
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Some minor erosion around headwall on LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.16)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39128_60702.jpg

Pipe, Flapgate, and headwall on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39128_60700.jpg

Pipe, Flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39128_60701.jpg

Pipe and headwall on LS toe.

LM Start	**3.16**	Rating **	U	Issue No.	**144**
LM End	**10.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.321071 °	37.283679 °
				-120.928799 °	-120.833221 °
DWR ID	DWR_NA0010_01_s _ 2020_144				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_144_20200506_00294.jpg

View of vegetation on the waterside slope. (Spring 2020)

LM Start	**3.16**	Rating **	M	Issue No.	**10**
LM End	**3.16**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.321053 °	37.321053 °
				-120.928785 °	-120.928785 °
DWR ID	DWR_NA0010_01_s _ 2012_10				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes noted within this section. Rodent hole noted on landside shoulder next to fence pole.

Photo 1 of 1 : SP_2020_NA0010_118_10_20200225_00008.jpg

Looking at typical view of rodent holes on landward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**3.18**	Rating **	M	Issue No.	**116**
LM End	**3.18**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.320725 °	37.320725 °
				-120.928837 °	-120.928837 °
DWR ID	DWR_NA0010_01_f _ 2018_116				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes noted in this section.

Photo 1 of 1 : SP_2020_NA0010_118_116_20200225_00028.jpg

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

LM Start	**3.32**	Rating **	M	Issue No.	**145**
LM End	**3.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.319020 °	37.316989 °
				-120.927643 °	-120.926395 °
DWR ID	DWR_NA0010_01_s _ 2020_145				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19575
FS_ID:53188
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/01/2018 Pipe continues to rust through, causing the pipe to collapse on the LS. Sediment buildup visible from the LS inlet. Loss of soil just above the LS concrete headwall and along the LS slope. Crossing remains Urgent due to the levee slope issues and pipe failure through the levee. (O. Magana - DWR UCIP)07/19/2016 Same as previous inspection. Erosion present on LS slope. (DWR UCIP - O. Magana)04/08/2014 Pipe rusted through at Springline on LS toe. Flapgate blocked by sediment on WS toe. Heavy sediment on both ends of pipe. Need to contact owner to address issues. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 100 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.50)].
FS Date: 11/1/2018 12:49:00 PM

Photo 1 of 3 : UCIP_SP_2020_53188_60707.jpg

Pipe, headwall, and flapgate on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_53188_60706.jpg

Pipe and headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_53188_60705.jpg

Pipe and headwall on LS toe.

LM Start	**3.87**	Rating **	U	Issue No.	**2**
LM End	**3.90**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.311798 °	37.311341 °
				-120.927670 °	-120.927365 °
DWR ID	DWR_NA0010_01_s _ 2012_2				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several rodent burrows are along this section of the levee.

Photo 1 of 1 : SP_2020_NA0010_118_2_20200225_00001.jpg

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

LM Start	**4.08**	Rating **	U	Issue No.	**146**
LM End	**10.69**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.309734 °	37.283679 °
				-120.924982 °	-120.833221 °
DWR ID	DWR_NA0010_01_s _ 2020_146				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_146_20200506_00296.jpg

Vegetation growing along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19607
FS_ID:39134
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Pipe appears sleeved with a 12-inch steel pipe with a slide gate at the LS toe. No identified authorization for changes to this crossing. Need to contact owner to obtain additional information about the modifications to crossing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.16)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39134_60730.jpg

Concrete headwall and 48-inch flapgate visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39134_60731.jpg

Assumed pipe exists under pump at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39134_60729.jpg

Concrete inlet, slidegate, and concrete headwall at LS toe.

LM Start	**4.18**	Rating **	M	Issue No.	**105**
LM End	**4.18**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.308458 °	37.308458 °
				-120.923942 °	-120.923942 °
DWR ID	DWR_NA0010_01_f _ 2017_105				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes noted at this location.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19608
FS_ID:39140
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation and fence limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward side. Recommend obtaining access to landward toe and removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.27)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39140_60733.jpg

Pipe, flapgate, and headwall visible at WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39140_60732.jpg

Pipe, flapgate, and headwall visible at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39140_60734.jpg

Concrete headwall at LS toe.

LM Start	**4.26**	Rating **	M	Issue No.	**102**
LM End	**4.26**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.307826 °	37.307826 °
				-120.922735 °	-120.922735 °
DWR ID	DWR_NA0010_01_s _ 2019_102				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19609
FS_ID:39141
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward side. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.72)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39141_60737.jpg

Pipe, flapgate, and headwall on WS toe.

LM Start	**4.69**	Rating **	M	Issue No.	**1207 (cont)**
LM End	**4.69**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39141_60738.jpg

Pipe, flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39141_60736.jpg

Pipe and concrete headwall on LS toe.

LM Start	**4.69**	Rating **	U	Issue No.	**9**
LM End	**4.69**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.302398 °	37.302398 °
				-120.920920 °	-120.920920 °
DWR ID	DWR_NA0010_01_s _ 2013_9				

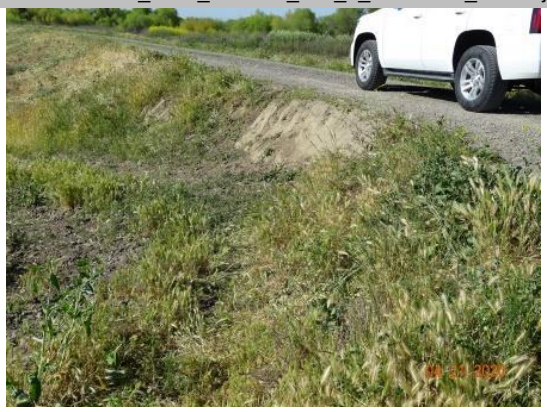
Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Levee landside toe damaged by livestock.

Photo 1 of 1 : SP_2020_NA0010_118_9_20200506_00297.jpg



View of damage to the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19610
FS_ID:39143
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Non-functional -- sediment buildup against flapgate and inlet buried at landward side. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.05)].
FS Date: 4/8/2014

Photo 1 of 2 : UCIP_SP_2020_39143_60740.jpg

Flapgate and headwall visible at WS toe.

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

Photo 2 of 2 : UCIP_SP_2020_39143_60739.jpg

Flapgate and headwall visible at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19611
FS_ID:39151
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Landward side filled in with soil. Need to contact owner. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.95)].
FS Date: 4/8/2014

Photo 1 of 2 : UCIP_SP_2020_39151_60742.jpg

Pipe, concrete headwall, and flapgate visible on WS toe.

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

Photo 2 of 2 : UCIP_SP_2020_39151_60741.jpg

Top of concrete headwall just visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**6.08**	Rating **	M	Issue No.	**147**
LM End	**6.13**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.304122 °	37.304453 °
				-120.900958 °	-120.900131 °
DWR ID	DWR_NA0010_01_s _ 2020_147				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Comment Code

Inspector Comment

DS_ID:19612
FS_ID:39152
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Pipe completely blocked by soil on LS toe due to animal activity. Slide gate blocked open. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 13.1 feet below the crown. Walkway to slide gate at the concrete headwall on the landside (LS) toe. Flap gate at the concrete headwall on the waterside (WS) toe. Brass cap No. 90 bench mark (BM) on the headwall on the LS. Pipe crosses the levee at an angle. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.13)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39152_60745.jpg

Slidegate at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39152_60744.jpg

Pipe, concrete headwall, slidegate, and metal walkway on LS toe.

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

Photo 3 of 3 : UCIP_SP_2020_39152_60743.jpg

Flapgate on concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19613
FS_ID:39154
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on the landside (LS) end next to a 48-inch concrete riser with walkway over the top. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.40)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39154_60762.jpg

Pipe, flapgate, and concrete headwall on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39154_60760.jpg

Pipe, flapgate, and concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39154_60761.jpg

Metal walkway over concrete standpipe next to slide gate on LS toe.

LM Start	**6.41**	Rating **	M	Issue No.	**148**
LM End	**6.52**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.304349 °	37.304075 °
				-120.895495 °	-120.893576 °
DWR ID	DWR_NA0010_01_s _ 2020_148				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19614
FS_ID:49962
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 7/19/2016 Same as previous inspection. Outlet and inlet are under water. (DWR UCIP - O. Magana)4/08/2014 Flapgate blocked by sedimentation at WS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Also recommend clearing vegetation from both waterward and landward toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Wooden fence around a 4-foot by 4-foot drop inlet on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.64)].
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2020_49962_60764.jpg

Pipe and flapgate visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_49962_60766.jpg

Pipe and flapgate visible at WS toe. Flapgate blocked by sedementation on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_49962_60765.jpg

Wooden barrier around drop inlet on LS toe. Excess vegetation.

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

Comment Code

Inspector Comment

DS_ID:19615
FS_ID:50077
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 7/19/2016 Potential LS slope damage--difficult to determine due to dense vegetation. Limited access on WS toe due to wire fence. (DWR UCIP - O. Magana)4/08/2014 Slide gate blocked by debris at LS toe. Flapgate won't close because of debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Slide gate on the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.90)].
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2020_50077_60768.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

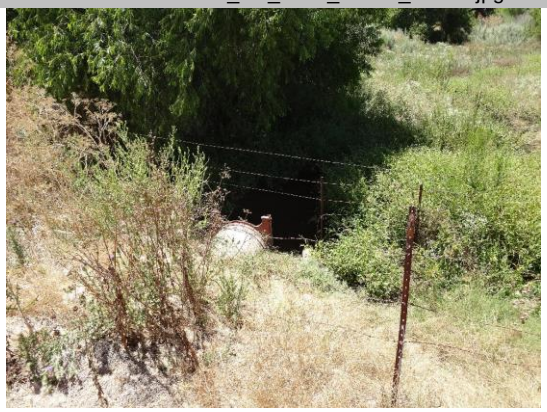
LM Start	**6.86**	Rating **	M	Issue No.	**1213 (cont)**
LM End	**6.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.302098 °	37.302098 °
				-120.887943 °	-120.887943 °
DWR ID	19615				

Photo 2 of 3 : UCIP_SP_2020_50077_60767.jpg

Pipe, concrete headwall, and slidegate on LS toe. Debris blocking closure of slidegate.

LM Start	**6.86**	Rating **	M	Issue No.	**1213 (cont)**
LM End	**6.86**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_50077_75470.jpg



View of WS--fence limits access to flap gate.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19616
FS_ID:53412
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 11/01/2018 Pipe continues to corrode through. Voids (undermining) along pipe invert are visible from the LS. Potential undermining caused by erosion under concrete apron on the WS. Crossing remains Urgent due to the pipe failure. (O. Magana - DWR UCIP)04/08/2014 Pipe failing and corroded through at LS toe. Need to contact owner to determine status of crossing. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 90 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.21)].
FS Date: 11/1/2018 1:02:00 PM

Photo 1 of 3 : UCIP_SP_2020_53412_60770.jpg

Pipe, concrete headwall, and flapgate on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_53412_60772.jpg

Flapgate and concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_53412_60771.jpg

Pipe and Concrete headwall visible on LS toe.

LM Start	**7.42**	Rating **	M	Issue No.	**1216**
LM End	**7.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299817 °	37.299817 °
				-120.878519 °	-120.878519 °
DWR ID	19618				

Comment Code

Inspector Comment

DS_ID:19618
FS_ID:39161
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.46)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39161_60778.jpg

Pipe and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39161_60780.jpg

Pipe and flapgate visible on WS toe.

LM Start	**7.42**	Rating **	M	Issue No.	**1216 (cont)**
LM End	**7.42**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39161_60779.jpg

Concrete headwall and pipe visible off LS toe in heavy vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**7.65**	Rating **	M	Issue No.	**1217**
LM End	**7.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.299211 °	37.299211 °
				-120.874415 °	-120.874415 °
DWR ID	19619				

Comment Code

Inspector Comment

DS_ID:19619
FS_ID:39243
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.69)].
FS Date: 4/8/2014

Photo 1 of 3 : UCIP_SP_2020_39243_60842.jpg

Flapgate and headwall at WS toe. Heavy vegetation on slopes.

LM Start	**7.65**	Rating **	M	Issue No.	**1217 (cont)**
LM End	**7.65**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39243_60840.jpg

Flapgate and headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39243_60841.jpg

Concrete headwall at LS toe. Heavy vegetation on both slopes.

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

Comment Code

Inspector Comment

DS_ID:19620
FS_ID:39244
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.07)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39244_60844.jpg

Pipe, Headwall, and flapgate at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39244_60847.jpg

Pipe, Headwall, and flapgate at WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_39244_60846.jpg

Pipe and concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19621
FS_ID:39245
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup at landward toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.41)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39245_60850.jpg

Concrete headwall, pipe, and flapgate at WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39245_60848.jpg

Concrete headwall, pipe, and flapgate at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39245_60849.jpg

Pipe and concrete headwall at LS toe. Note heavy vegetation.

LM Start	**8.55**	Rating **	M	Issue No.	**12**
LM End	**8.63**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.296489 °	37.296764 °
				-120.859081 °	-120.857635 °
DWR ID	DWR_NA0010_01_s _ 2018_12				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes observed along this section.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**8.57**	Rating **	A/W	Issue No.	**1220**
LM End	**8.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296552 °	37.296552 °
				-120.858596 °	-120.858596 °
DWR ID	19622				

Comment Code

Inspector Comment

DS_ID:19622
FS_ID:39246
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.61)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39246_60854.jpg

Pipe, Flapgate, and headwall on WS toe.

LM Start	**8.57**	Rating **	A/W	Issue No.	**1220 (cont)**
LM End	**8.57**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39246_60855.jpg

Pipe, Flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39246_60853.jpg

Pipe and headwall at LS toe.

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

Comment Code

Inspector Comment

DS_ID:19623
FS_ID:39247
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.1 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.93)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39247_60859.jpg

Pipe, flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39247_60860.jpg

Pipe, flapgate, and headwall on WS toe.

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

Photo 3 of 3 : UCIP_SP_2020_39247_60858.jpg

Pipe and headwall visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Comment Code

Inspector Comment

DS_ID:19625
FS_ID:39249
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Some sediment buildup in pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.00)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39249_60870.jpg

Pipe and flapgate visible on WS toe.

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

Photo 2 of 3 : UCIP_SP_2020_39249_60869.jpg

Pipe and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 3 of 3 : UCIP_SP_2020_39249_60868.jpg

Pipe and headwall visible on LS toe.

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

Comment Code

Inspector Comment

DS_ID:19626
FS_ID:39250
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.03)].
FS Date: 4/9/2014

Photo 1 of 2 : UCIP_SP_2020_39250_60872.jpg

Heavy vegetation on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 2 : UCIP_SP_2020_39250_60871.jpg

Pipe, concrete headwall, and flapgate at WS toe.

LM Start	**9.34**	Rating **	M	Issue No.	**1225**
LM End	**9.34**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.295413 °	37.295413 °
				-120.845664 °	-120.845664 °
DWR ID	19627				

Comment Code

Inspector Comment

DS_ID:19627
FS_ID:39251
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Concrete drop inlet at the landside (LS) toe. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.37)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39251_60875.jpg

Pipe and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

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

Photo 2 of 3 : UCIP_SP_2020_39251_60876.jpg

Headwall, Pipe, and flapgate on WS toe.

LM Start	**9.34**	Rating **	M	Issue No.	**1225 (cont)**
LM End	**9.34**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39251_60874.jpg

Concrete drop-inlet installed on pipe at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**9.64**	Rating **	A/W	Issue No.	**1226**
LM End	**9.64**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.294845 °	37.294845 °
				-120.840580 °	-120.840580 °
DWR ID	19628				

Comment Code

Inspector Comment

DS_ID:19628
FS_ID:33683
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 4.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 80 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.67)].
FS Date: 4/9/2014

Photo 1 of 1 : UCIP_SP_2020_33683_60880.jpg

Pipe, flapgate, and headwall visible on WS toe.

LM Start	**9.89**	Rating **	A/W	Issue No.	**112**
LM End	**9.90**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.291796 °	37.291581 °
				-120.839497 °	-120.839718 °
DWR ID	DWR_NA0010_01_f _ 2017_112				

Comment Code

Inspector Comment

Landowner degraded levee in the 1970's because water on LS was flooding his property. Landowner has prevented efforts to restore levee. LMA has stated that no water from the waterside of the levee has ever backed up through the degraded levee and caused flooding.

Photo 1 of 1 : SP_2020_NA0010_118_112_20200225_00023.jpg

Looking south at the levee bank caving. (Fall 2017)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**9.94**	Rating **	U	Issue No.	**120**
LM End	**9.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290994 °	37.290673 °
				-120.839758 °	-120.839988 °
DWR ID	DWR_NA0010_01_f _ 2018_120				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent burrows observed in this section with large amount of material displaced.

Photo 1 of 1 : SP_2020_NA0010_118_120_20200225_00033.jpg

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

LM Start	**9.99**	Rating **	M	Issue No.	**121**
LM End	**9.99**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.290432 °	37.290432 °
				-120.840189 °	-120.840189 °
DWR ID	DWR_NA0010_01_f _ 2018_121				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes noted at this location.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.20**	Rating **	M	Issue No.	**1227**
LM End	**10.20**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °
				-120.840251 °	-120.840251 °
DWR ID	19629				

Comment Code

Inspector Comment

DS_ID:19629
FS_ID:39253
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation blocks waterward and landward toes Recommend removing vegetation from both toes. Also sediment buildup in pipe visible from landward side. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 69 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.23)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39253_60884.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**10.20**	Rating **	M	Issue No.	**1227 (cont)**
LM End	**10.20**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39253_60886.jpg

Pipe, headwall, and flapgate at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.20**	Rating **	M	Issue No.	**1227 (cont)**
LM End	**10.20**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287511 °	37.287511 °
				-120.840251 °	-120.840251 °
DWR ID	19629				

Photo 3 of 3 : UCIP_SP_2020_39253_60885.jpg

Pipe and headwall at LS toe.

LM Start	**10.68**	Rating **	A/W	Issue No.	**1228**
LM End	**10.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283740 °	37.283740 °
				-120.833452 °	-120.833452 °
DWR ID	19630				

Comment Code

Inspector Comment

DS_ID:19630
FS_ID:33687
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 68 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.72)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_33687_60890.jpg

Pipe and flapgate on Ws toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.68**	Rating **	A/W	Issue No.	**1228 (cont)**
LM End	**10.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283740 °	37.283740 °
				-120.833452 °	-120.833452 °
DWR ID	19630				

Photo 2 of 3 : UCIP_SP_2020_33687_60889.jpg

Pipe and headwall on LS toe.

LM Start	**10.68**	Rating **	A/W	Issue No.	**1228 (cont)**
LM End	**10.68**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33687_60888.jpg

Pipe and headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.69**	Rating **	A/W	Issue No.	**1229**
LM End	**10.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283710 °	37.283710 °
				-120.833329 °	-120.833329 °
DWR ID	19631				

Comment Code

Inspector Comment

DS_ID:19631
FS_ID:39254
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 67 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.72)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39254_60894.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**10.69**	Rating **	A/W	Issue No.	**1229 (cont)**
LM End	**10.69**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39254_60893.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.69**	Rating **	A/W	Issue No.	**1229 (cont)**
LM End	**10.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.283710 °	37.283710 °
				-120.833329 °	-120.833329 °
DWR ID	19631				

Photo 3 of 3 : UCIP_SP_2020_39254_60895.jpg

Concrete pipe visible on LS slope.

LM Start	**10.69**	Rating **	M	Issue No.	**149**
LM End	**11.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.283679 °	37.275481 °
				-120.833221 °	-120.826043 °
DWR ID	DWR_NA0010_01_s _ 2020_149				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**10.69**	Rating **	M	Issue No.	**150**
LM End	**11.37**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.283679 °	37.275481 °
				-120.833221 °	-120.826043 °
DWR ID	DWR_NA0010_01_s _ 2020_150				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.98**	Rating **	M	Issue No.	**1230**
LM End	**10.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282627 °	37.282627 °
				-120.828233 °	-120.828233 °
DWR ID	19632				

Comment Code

Inspector Comment

DS_ID:19632
FS_ID:39255
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation blocks landward headwall. Recommend removing excess vegetation on landward toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 66 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.00)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39255_60897.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**10.98**	Rating **	M	Issue No.	**1230 (cont)**
LM End	**10.98**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39255_60899.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**10.98**	Rating **	M	Issue No.	**1230 (cont)**
LM End	**10.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282627 °	37.282627 °
				-120.828233 °	-120.828233 °
DWR ID	19632				

Photo 3 of 3 : UCIP_SP_2020_39255_60898.jpg

Pipe and headwall on LS toe.

LM Start	**11.14**	Rating **	A/W	Issue No.	**1231**
LM End	**11.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.281813 °	37.281813 °
				-120.825409 °	-120.825409 °
DWR ID	19633				

Comment Code

Inspector Comment

DS_ID:19633
FS_ID:33690
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 65 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.18)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_33690_60903.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.14**	Rating **	A/W	Issue No.	**1231 (cont)**
LM End	**11.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.281813 °	37.281813 °
				-120.825409 °	-120.825409 °
DWR ID	19633				

Photo 2 of 3 : UCIP_SP_2020_33690_60902.jpg

Pipe and headwall at LS toe.

LM Start	**11.14**	Rating **	A/W	Issue No.	**1231 (cont)**
LM End	**11.14**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33690_60901.jpg

Pipe and headwall at LS toe.

LM Start	**11.37**	Rating **	M	Issue No.	**151**
LM End	**11.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275481 °	37.275481 °
				-120.826042 °	-120.826042 °
DWR ID	DWR_NA0010_01_s _ 2020_151				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_151_20200506_00299.jpg

Rodent burrows in the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.37**	Rating **	A/W	Issue No.	**1232**
LM End	**11.37**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.275518 °	37.275518 °
				-120.826052 °	-120.826052 °
DWR ID	19814				

Comment Code

Inspector Comment

DS_ID:19814
FS_ID:47100
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through levee, 12 feet below the crown. Two metal cutoff walls. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as U6 HLM 0.05 should be U1 HLM 11.37)].
FS Date: 4/18/2014

No Photos

LM Start	**11.44**	Rating **	U	Issue No.	**152**
LM End	**11.57**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.274522 °	37.272619 °
				-120.825729 °	-120.825741 °
DWR ID	DWR_NA0010_01_s _ 2020_152				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_152_20200506_00300.jpg

View of landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.44**	Rating **	U	Issue No.	**153**
LM End	**11.57**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.274487 °	37.272563 °
				-120.825716 °	-120.825751 °
DWR ID	DWR_NA0010_01_s _ 2020_153				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_153_20200506_00301.jpg

Vegetation growing on the waterside slope. (Spring 2020)

LM Start	**11.49**	Rating **	M	Issue No.	**1233**
LM End	**11.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273787 °	37.273787 °
				-120.825519 °	-120.825519 °
DWR ID	19634				

Comment Code

Inspector Comment

DS_ID:19634
FS_ID:36103
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Need to contact owner--landward side has been buried. It appears that soil was removed from levee toe, immediately upstream, and used to pile soil at landward side at crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 62 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.48)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36103_65362.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.49**	Rating **	M	Issue No.	**1233 (cont)**
LM End	**11.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273787 °	37.273787 °
				-120.825519 °	-120.825519 °
DWR ID	19634				

Photo 2 of 3 : UCIP_SP_2020_36103_65364.jpg

View of concrete headwall and flap gate visible on waterward side.

LM Start	**11.49**	Rating **	M	Issue No.	**1233 (cont)**
LM End	**11.49**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36103_65363.jpg

Inside view of pipe from waterward side.

LM Start	**11.62**	Rating **	M	Issue No.	**132**
LM End	**11.62**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.271863 °	37.271863 °
				-120.825903 °	-120.825903 °
DWR ID	DWR_NA0010_01_s _ 2019_132				

Comment Code
A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.78**	Rating **	M	Issue No.	**1234**
LM End	**11.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.269701 °	37.269701 °
				-120.826450 °	-120.826450 °
DWR ID	19635				

Comment Code

Inspector Comment

DS_ID:19635
FS_ID:36105
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Crossing is non-functional --landward side is buried. Debris found on landward side (channel). Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 17 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 61 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.76)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36105_65372.jpg

View of waterward side.

LM Start	**11.78**	Rating **	M	Issue No.	**1234 (cont)**
LM End	**11.78**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36105_65371.jpg

Landward side of crossing buried--damage pipe section visible on landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**11.78**	Rating **	M	Issue No.	**1234 (cont)**
LM End	**11.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.269701 °	37.269701 °
				-120.826450 °	-120.826450 °
DWR ID	19635				

Photo 3 of 3 : UCIP_SP_2020_36105_65373.jpg

View of landward side.

LM Start	**12.10**	Rating **	M	Issue No.	**154**
LM End	**12.48**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.265623 °	37.260442 °
				-120.826456 °	-120.828106 °
DWR ID	DWR_NA0010_01_s _ 2020_154				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**12.12**	Rating **	M	Issue No.	**1235**
LM End	**12.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265336 °	37.265336 °
				-120.826591 °	-120.826591 °
DWR ID	19636				

Comment Code

Inspector Comment

DS_ID:19636
FS_ID:36106
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Crossing is non-functional --landward side is buried. Dense vegetation found on waterward slope. Recommend contacting owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 12.11)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36106_65378.jpg

View of waterward side--flap gate visible on waterward toe.

LM Start	**12.12**	Rating **	M	Issue No.	**1235 (cont)**
LM End	**12.12**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36106_65379.jpg

Flap gate and concrete headwall visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**12.12**	Rating **	M	Issue No.	**1235 (cont)**
LM End	**12.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265336 °	37.265336 °
				-120.826591 °	-120.826591 °
DWR ID	19636				

Photo 3 of 3 : UCIP_SP_2020_36106_65377.jpg

View of landward side.

LM Start	**12.15**	Rating **	M	Issue No.	**155**
LM End	**12.62**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.265007 °	37.258987 °
				-120.826730 °	-120.826429 °
DWR ID	DWR_NA0010_01_s _ 2020_155				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**12.62**	Rating **	U	Issue No.	**156**
LM End	**17.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258988 °	37.216004 °
				-120.826429 °	-120.778791 °
DWR ID	DWR_NA0010_01_s _ 2020_156				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_156_20200506_00302.jpg

Looking upstream along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**12.62**	Rating **	U	Issue No.	**157**
LM End	**17.46**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258988 °	37.216004 °
				-120.826429 °	-120.778791 °
DWR ID	DWR_NA0010_01_s _ 2020_157				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_157_20200506_00303.jpg

View of the waterside slope looking upstream. (Spring 2020)

LM Start	**12.95**	Rating **	M	Issue No.	**1236**
LM End	**12.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256873 °	37.256873 °
				-120.821277 °	-120.821277 °
DWR ID	19637				

Comment Code

Inspector Comment

DS_ID:19637
FS_ID:36146
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Concrete headwall on landward side blocked by debris. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 12.94)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36146_65412.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**12.95**	Rating **	M	Issue No.	**1236 (cont)**
LM End	**12.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256873 °	37.256873 °
				-120.821277 °	-120.821277 °
DWR ID	19637				

Photo 2 of 3 : UCIP_SP_2020_36146_65411.jpg

Flap gate and concrete headwall visible on waterward side.

LM Start	**12.95**	Rating **	M	Issue No.	**1236 (cont)**
LM End	**12.95**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36146_65410.jpg

View of landward side--concrete headwall visible covered by dense vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**13.49**	Rating **	M	Issue No.	**1237**
LM End	**13.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251590 °	37.251590 °
				-120.814354 °	-120.814354 °
DWR ID	19638				

Comment Code

Inspector Comment

DS_ID:19638
FS_ID:36109
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Concrete headwall blocked by debris located on landward toe. Recommend clearing debris from landward slope and toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.48)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36109_65389.jpg

View of waterward side.

LM Start	**13.49**	Rating **	M	Issue No.	**1237 (cont)**
LM End	**13.49**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36109_65387.jpg

View of flap gate and pipe through levee on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**13.49**	Rating **	M	Issue No.	**1237 (cont)**
LM End	**13.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251590 °	37.251590 °
				-120.814354 °	-120.814354 °
DWR ID	19638				

Photo 3 of 3 : UCIP_SP_2020_36109_65388.jpg

View of landward side.

LM Start	**13.59**	Rating **	M	Issue No.	**1238**
LM End	**13.59**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250138 °	37.250138 °
				-120.814720 °	-120.814720 °
DWR ID	19639				

Comment Code

Inspector Comment

DS_ID:19639
FS_ID:39256
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 No access to waterward toe due to fence. Unable to find the concrete headwall and flap gate on waterward side past fence. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also need access past fence on waterward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.58)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39256_65418.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**13.59**	Rating **	M	Issue No.	**1238 (cont)**
LM End	**13.59**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250138 °	37.250138 °
				-120.814720 °	-120.814720 °
DWR ID	19639				

Photo 2 of 3 : UCIP_SP_2020_39256_65417.jpg

Dense vegetation on waterward side.

LM Start	**13.59**	Rating **	M	Issue No.	**1238 (cont)**
LM End	**13.59**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39256_65416.jpg

Concrete headwall visible from landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**14.22**	Rating **	M	Issue No.	**1240**
LM End	**14.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242225 °	37.242225 °
				-120.817665 °	-120.817665 °
DWR ID	19641				

Comment Code

Inspector Comment

DS_ID:19641
FS_ID:36166
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 14.21)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36166_65449.jpg

View of waterward side.

LM Start	**14.22**	Rating **	M	Issue No.	**1240 (cont)**
LM End	**14.22**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36166_65452.jpg

View of concrete headwall, concrete apron, and flap gate on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**14.22**	Rating **	M	Issue No.	**1240 (cont)**
LM End	**14.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242225 °	37.242225 °
				-120.817665 °	-120.817665 °
DWR ID	19641				

Photo 3 of 3 : UCIP_SP_2020_36166_65448.jpg

View of landward side.

LM Start	**14.65**	Rating **	M	Issue No.	**1241**
LM End	**14.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.237584 °	37.237584 °
				-120.812967 °	-120.812967 °
DWR ID	19642				

Comment Code

Inspector Comment

DS_ID:19642
FS_ID:36167
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope and toe. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 14.65)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36167_65455.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**14.65**	Rating **	M	Issue No.	**1241 (cont)**
LM End	**14.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.237584 °	37.237584 °
				-120.812967 °	-120.812967 °
DWR ID	19642				

Photo 2 of 3 : UCIP_SP_2020_36167_65454.jpg

Flap gate, concrete headwall, and concrete apron located on waterward toe.

LM Start	**14.65**	Rating **	M	Issue No.	**1241 (cont)**
LM End	**14.65**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36167_65453.jpg

Concrete headwall located on landward toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**15.29**	Rating **	M	Issue No.	**1242**
LM End	**15.29**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.231428 °	37.231428 °
				-120.805543 °	-120.805543 °
DWR ID	19643				

Comment Code

Inspector Comment

DS_ID:19643
FS_ID:36168
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.29)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36168_65459.jpg

View of waterward side.

LM Start	**15.29**	Rating **	M	Issue No.	**1242 (cont)**
LM End	**15.29**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36168_65457.jpg

Concrete headwall, flap gate, and concrete apron located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**15.29**	Rating **	M	Issue No.	**1242 (cont)**
LM End	**15.29**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.231428 °	37.231428 °
				-120.805543 °	-120.805543 °
DWR ID	19643				

Photo 3 of 3 : UCIP_SP_2020_36168_65458.jpg

View of landward side.

LM Start	**15.58**	Rating **	M	Issue No.	**1243**
LM End	**15.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228155 °	37.228155 °
				-120.802645 °	-120.802645 °
DWR ID	19644				

Comment Code

Inspector Comment

DS_ID:19644
FS_ID:36169
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.57)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36169_65464.jpg

View of waterward side--flap gate visible through dense vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**15.58**	Rating **	M	Issue No.	**1243 (cont)**
LM End	**15.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228155 °	37.228155 °
				-120.802645 °	-120.802645 °
DWR ID	19644				

Photo 2 of 3 : UCIP_SP_2020_36169_65463.jpg

View of waterward slope covered by dense vegetation.

LM Start	**15.58**	Rating **	M	Issue No.	**1243 (cont)**
LM End	**15.58**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36169_65462.jpg

Concrete headwall visible on landward toe--dense vegetation blocking inlet.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**15.82**	Rating **	M	Issue No.	**1244**
LM End	**15.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226099 °	37.226099 °
				-120.799125 °	-120.799125 °
DWR ID	19645				

Comment Code

Inspector Comment

DS_ID:19645
FS_ID:36171
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 60 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.81)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36171_65471.jpg

View of waterward side.

LM Start	**15.82**	Rating **	M	Issue No.	**1244 (cont)**
LM End	**15.82**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36171_65470.jpg

Flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**15.82**	Rating **	M	Issue No.	**1244 (cont)**
LM End	**15.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226099 °	37.226099 °
				-120.799125 °	-120.799125 °
DWR ID	19645				

Photo 3 of 3 : UCIP_SP_2020_36171_65469.jpg

Side view of pipe and flap gate on waterward side.

LM Start	**16.09**	Rating **	M	Issue No.	**1245**
LM End	**16.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224157 °	37.224157 °
				-120.795250 °	-120.795250 °
DWR ID	19646				

Comment Code

Inspector Comment

DS_ID:19646
FS_ID:36172
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 16.09)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36172_65476.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**16.09**	Rating **	M	Issue No.	**1245 (cont)**
LM End	**16.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224157 °	37.224157 °
				-120.795250 °	-120.795250 °
DWR ID	19646				

Photo 2 of 3 : UCIP_SP_2020_36172_65475.jpg

Flap gate visible on waterward toe.

LM Start	**16.09**	Rating **	M	Issue No.	**1245 (cont)**
LM End	**16.09**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36172_65474.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**16.15**	Rating **	M	Issue No.	**1246**
LM End	**16.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224120 °	37.224120 °
				-120.794002 °	-120.794002 °
DWR ID	19647				

Comment Code

Inspector Comment

DS_ID:19647
FS_ID:39257
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 16.15)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39257_65480.jpg

View of waterward side.

LM Start	**16.15**	Rating **	M	Issue No.	**1246 (cont)**
LM End	**16.15**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39257_65479.jpg

Crossing visible on waterward side under dense vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**16.15**	Rating **	M	Issue No.	**1246 (cont)**
LM End	**16.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224120 °	37.224120 °
				-120.794002 °	-120.794002 °
DWR ID	19647				

Photo 3 of 3 : UCIP_SP_2020_39257_65478.jpg

View of landward side.

LM Start	**16.72**	Rating **	M	Issue No.	**1247**
LM End	**16.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224223 °	37.224223 °
				-120.783806 °	-120.783806 °
DWR ID	19648				

Comment Code

Inspector Comment

DS_ID:19648
FS_ID:39258
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Unable to find pipe on landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 16.72)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39258_66288.jpg

View of levee crown at crossing.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**16.72**	Rating **	M	Issue No.	**1247 (cont)**
LM End	**16.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224223 °	37.224223 °
				-120.783806 °	-120.783806 °
DWR ID	19648				

Photo 2 of 3 : UCIP_SP_2020_39258_66289.jpg

View of waterward side.

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

Photo 3 of 3 : UCIP_SP_2020_39258_66287.jpg

View of flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.01**	Rating **	M	Issue No.	**1249**
LM End	**17.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.221838 °	37.221838 °
				-120.780230 °	-120.780230 °
DWR ID	19577				

Comment Code

Inspector Comment

DS_ID:19577
FS_ID:39259
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Concrete headwall is buried by dense vegetation. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.01)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39259_65518.jpg

View of waterward side.

LM Start	**17.01**	Rating **	M	Issue No.	**1249 (cont)**
LM End	**17.01**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39259_65519.jpg

Flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.01**	Rating **	M	Issue No.	**1249 (cont)**
LM End	**17.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.221838 °	37.221838 °
				-120.780230 °	-120.780230 °
DWR ID	19577				

Photo 3 of 3 : UCIP_SP_2020_39259_65517.jpg

View of landward side.

LM Start	**17.19**	Rating **	M	Issue No.	**1250**
LM End	**17.19**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302 °	37.219302 °
				-120.779475 °	-120.779475 °
DWR ID	19578				

Comment Code

Inspector Comment

DS_ID:19578
FS_ID:39260
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup inside pipe visible from landward side. Recommend clearing pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.19)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39260_65525.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.19**	Rating **	M	Issue No.	**1250 (cont)**
LM End	**17.19**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219302 °	37.219302 °
				-120.779475 °	-120.779475 °
DWR ID	19578				

Photo 2 of 3 : UCIP_SP_2020_39260_65521.jpg

Pipe visible on waterward side.

LM Start	**17.19**	Rating **	M	Issue No.	**1250 (cont)**
LM End	**17.19**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39260_65520.jpg

Flap gate visible on waterward toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.26**	Rating **	M	Issue No.	**1251**
LM End	**17.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.218332 °	37.218332 °
				-120.779459 °	-120.779459 °
DWR ID	19579				

Comment Code

Inspector Comment

DS_ID:19579
FS_ID:36203
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.26)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36203_65551.jpg

View of waterward slope.

LM Start	**17.26**	Rating **	M	Issue No.	**1251 (cont)**
LM End	**17.26**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36203_65552.jpg

Pipe visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.26**	Rating **	M	Issue No.	**1251 (cont)**
LM End	**17.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.218332 °	37.218332 °
				-120.779459 °	-120.779459 °
DWR ID	19579				

Photo 3 of 3 : UCIP_SP_2020_36203_65554.jpg

View of landward side.

LM Start	**17.52**	Rating **	M	Issue No.	**1252**
LM End	**17.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.215976 °	37.215976 °
				-120.777615 °	-120.777615 °
DWR ID	19580				

Comment Code

Inspector Comment

DS_ID:19580
FS_ID:36204
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.53)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36204_65547.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.52**	Rating **	M	Issue No.	**1252 (cont)**
LM End	**17.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.215976 °	37.215976 °
				-120.777615 °	-120.777615 °
DWR ID	19580				

Photo 2 of 3 : UCIP_SP_2020_36204_65546.jpg

Flap gate visible on waterward side.

LM Start	**17.52**	Rating **	M	Issue No.	**1252 (cont)**
LM End	**17.52**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36204_65545.jpg

View of landward side--riser at levee toe.

LM Start	**17.76**	Rating **	M	Issue No.	**158**
LM End	**18.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.215545 °	37.208247 °
				-120.773443 °	-120.768662 °
DWR ID	DWR_NA0010_01_s _ 2020_158				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**17.76**	Rating **	M	Issue No.	**159**
LM End	**18.37**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.215511 °	37.208313 °
				-120.773330 °	-120.768706 °
DWR ID	DWR_NA0010_01_s _ 2020_159				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**18.18**	Rating **	M	Issue No.	**1253**
LM End	**18.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.210998 °	37.210998 °
				-120.768900 °	-120.768900 °
DWR ID	19581				

Comment Code

Inspector Comment

DS_ID:19581
FS_ID:39261
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Need to contact owner. Recommend investigating integrity of pipe wall through levee heavy corrosion visible from landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.19)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39261_65557.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**18.18**	Rating **	M	Issue No.	**1253 (cont)**
LM End	**18.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.210998 °	37.210998 °
				-120.768900 °	-120.768900 °
DWR ID	19581				

Photo 2 of 3 : UCIP_SP_2020_39261_65556.jpg

Flap gate visible on waterward side.

LM Start	**18.18**	Rating **	M	Issue No.	**1253 (cont)**
LM End	**18.18**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39261_65555.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**18.45**	Rating **	A/W	Issue No.	**1254**
LM End	**18.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °
				-120.767679 °	-120.767679 °
DWR ID	19582				

Comment Code

Inspector Comment

DS_ID:19582
FS_ID:36206
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.45)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36206_65563.jpg

View of waterward side.

LM Start	**18.45**	Rating **	A/W	Issue No.	**1254 (cont)**
LM End	**18.45**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36206_65562.jpg

View of waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**18.45**	Rating **	A/W	Issue No.	**1254 (cont)**
LM End	**18.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207538 °	37.207538 °
				-120.767679 °	-120.767679 °
DWR ID	19582				

Photo 3 of 3 : UCIP_SP_2020_36206_65561.jpg

Flap gate visible on waterward side.

LM Start	**18.79**	Rating **	M	Issue No.	**1255**
LM End	**18.79**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204966 °	37.204966 °
				-120.762511 °	-120.762511 °
DWR ID	19593				

Comment Code

Inspector Comment

DS_ID:19593
FS_ID:36246
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 50 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.79)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_36246_65627.jpg

Overview of levee crown and waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**18.79**	Rating **	M	Issue No.	**1255 (cont)**
LM End	**18.79**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204966 °	37.204966 °
				-120.762511 °	-120.762511 °
DWR ID	19593				

Photo 2 of 3 : UCIP_SP_2020_36246_65623.jpg

View of waterward side.

LM Start	**18.79**	Rating **	M	Issue No.	**1255 (cont)**
LM End	**18.79**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36246_65626.jpg

Overview of landward side.

LM Start	**18.79**	Rating **	U	Issue No.	**94**
LM End	**18.79**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.204913 °	37.204913 °
				-120.762412 °	-120.762412 °
DWR ID	DWR_NA0010_01_s _ 2018_94				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several large rodent holes on landward slope.

Photo 1 of 1 : SP_2020_NA0010_118_94_20200225_00013.jpg

Looking at large rodent hole on landward slope. (Spring 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**18.83**	Rating **	U	Issue No.	**161**
LM End	**20.34**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.204612 °	37.192695 °
				-120.761886 °	-120.761030 °
DWR ID	DWR_NA0010_01_s _ 2020_161				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_161_20200506_00304.jpg

View of vegetation on the waterside slope. (Spring 2020)

LM Start	**18.83**	Rating **	U	Issue No.	**160**
LM End	**20.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.204612 °	37.192277 °
				-120.761886 °	-120.761263 °
DWR ID	DWR_NA0010_01_s _ 2020_160				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_160_20200506_00305.jpg

View of the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**19.17**	Rating **	M	Issue No.	**1256**
LM End	**19.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202801 °	37.202801 °
				-120.756209 °	-120.756209 °
DWR ID	19594				

Comment Code

Inspector Comment

DS_ID:19594
FS_ID:39263
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Non-functional crossing--pipe is buried on waterward side. Sediment buildup in pipe visible from landward side. Need to coordinate with owner to determine status. If crossing is no longer in use, owner will need to coordinate with DWR Inspector and CVFPB to properly abandon. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.17)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39263_65631.jpg

View of waterward slope. CMP riser and pipe visible.

LM Start	**19.17**	Rating **	M	Issue No.	**1256 (cont)**
LM End	**19.17**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39263_65630.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**19.17**	Rating **	M	Issue No.	**1256 (cont)**
LM End	**19.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202801 °	37.202801 °
				-120.756209 °	-120.756209 °
DWR ID	19594				

Photo 3 of 3 : UCIP_SP_2020_39263_65632.jpg

Inside view of CMP riser.

LM Start	**19.53**	Rating **	M	Issue No.	**1259**
LM End	**19.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.199427 °	37.199427 °
				-120.760235 °	-120.760235 °
DWR ID	19596				

Comment Code

Inspector Comment

DS_ID:19596
FS_ID:39268
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Dense vegetation blocks both waterward and landward headwalls. Sediment buildup in pipe visible from landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.54)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39268_65641.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**19.53**	Rating **	M	Issue No.	**1259 (cont)**
LM End	**19.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.199427 °	37.199427 °
				-120.760235 °	-120.760235 °
DWR ID	19596				

Photo 2 of 3 : UCIP_SP_2020_39268_65640.jpg

Flap gate visible on waterward side--potential erosion present on slope.

LM Start	**19.53**	Rating **	M	Issue No.	**1259 (cont)**
LM End	**19.53**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39268_65639.jpg

View of landward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**20.18**	Rating **	M	Issue No.	**1261**
LM End	**20.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194669 °	37.194669 °
				-120.759736 °	-120.759736 °
DWR ID	19598				

Comment Code

Inspector Comment

DS_ID:19598
FS_ID:39269
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Recommend removing vegetation and sediment buildup from both waterward and landward concrete headwalls. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 20.18)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39269_65648.jpg

Enter photo 1 description or comment here.

LM Start	**20.18**	Rating **	M	Issue No.	**1261 (cont)**
LM End	**20.18**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39269_65647.jpg

Flap gate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**20.18**	Rating **	M	Issue No.	**1261 (cont)**
LM End	**20.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194669 °	37.194669 °
				-120.759736 °	-120.759736 °
DWR ID	19598				

Photo 3 of 3 : UCIP_SP_2020_39269_65646.jpg

Enter photo 3 description or comment here.

LM Start	**20.27**	Rating **	M	Issue No.	**1264**
LM End	**20.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.193542 °	37.193542 °
				-120.760300 °	-120.760300 °
DWR ID	19600				

Comment Code

Inspector Comment

DS_ID:19600
FS_ID:39878
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Crossing partially submersed--no signs of failure of pipe present along pipe alignment. Recommend contacting owner to determine status of crossing and condition. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 20.27)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39878_66308.jpg

Overview of levee crown at crossing--multiple crossings at this location.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**20.27**	Rating **	M	Issue No.	**1264 (cont)**
LM End	**20.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.193542 °	37.193542 °
				-120.760300 °	-120.760300 °
DWR ID	19600				

Photo 2 of 3 : UCIP_SP_2020_39878_66309.jpg

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

LM Start	**20.27**	Rating **	M	Issue No.	**1264 (cont)**
LM End	**20.27**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39878_66307.jpg

View of landward side.

LM Start	**20.35**	Rating **	M	Issue No.	**162**
LM End	**21.15**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.192555 °	37.182402 °
				-120.761105 °	-120.763089 °
DWR ID	DWR_NA0010_01_s _ 2020_162				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**20.37**	Rating **	M	Issue No.	**163**
LM End	**21.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.192223 °	37.182402 °
				-120.761294 °	-120.763089 °
DWR ID	DWR_NA0010_01_s _ 2020_163				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**21.15**	Rating **	U	Issue No.	**164**
LM End	**21.54**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.182402 °	37.178338 °
				-120.763089 °	-120.759317 °
DWR ID	DWR_NA0010_01_s _ 2020_164				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_164_20200506_00308.jpg

Control vegetation on the waterside shoulder. (Spring 2020)

LM Start	**21.15**	Rating **	M	Issue No.	**165**
LM End	**21.52**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.182401 °	37.178492 °
				-120.763089 °	-120.759624 °
DWR ID	DWR_NA0010_01_s _ 2020_165				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**21.40**	Rating **	M	Issue No.	**1266**
LM End	**21.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179065 °	37.179065 °
				-120.761567 °	-120.761567 °
DWR ID	19603				

Comment Code

Inspector Comment

DS_ID:19603
FS_ID:39271
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Crossing is non-functional--crossing buried on landward side. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.40)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39271_66312.jpg

View of waterward side.

LM Start	**21.40**	Rating **	M	Issue No.	**1266 (cont)**
LM End	**21.40**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39271_66313.jpg

Flap gate half way submersed located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**21.40**	Rating **	M	Issue No.	**1266 (cont)**
LM End	**21.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179065 °	37.179065 °
				-120.761567 °	-120.761567 °
DWR ID	19603				

Photo 3 of 3 : UCIP_SP_2020_39271_66311.jpg

View of landward side.

LM Start	**21.59**	Rating **	A/W	Issue No.	**166**
LM End	**21.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.177982 °	37.177982 °
				-120.758582 °	-120.758582 °
DWR ID	DWR_NA0010_01_s _ 2020_166				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**21.75**	Rating **	M	Issue No.	**1267**
LM End	**21.75**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.176106 °	37.176106 °
				-120.756768 °	-120.756768 °
DWR ID	19604				

Comment Code

Inspector Comment

DS_ID:19604
FS_ID:39272
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Non-functional crossing-landward side is buried. Need to contact owner to determine status of crossing. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 40 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.76)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39272_65697.jpg

View of waterward side.

LM Start	**21.75**	Rating **	M	Issue No.	**1267 (cont)**
LM End	**21.75**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39272_65695.jpg

Flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**21.75**	Rating **	M	Issue No.	**1267 (cont)**
LM End	**21.75**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.176106 °	37.176106 °
				-120.756768 °	-120.756768 °
DWR ID	19604				

Photo 3 of 3 : UCIP_SP_2020_39272_65696.jpg

View of landward side.

LM Start	**21.80**	Rating **	M	Issue No.	**167**
LM End	**22.05**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.175479 °	37.172135 °
				-120.756435 °	-120.754644 °
DWR ID	DWR_NA0010_01_s _ 2020_167				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**22.05**	Rating **	U	Issue No.	**168**
LM End	**22.51**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.172138 °	37.166962 °
				-120.754645 °	-120.750063 °
DWR ID	DWR_NA0010_01_s _ 2020_168				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_168_20200506_00310.jpg

View of the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**22.06**	Rating **	U	Issue No.	**169**
LM End	**22.51**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.172090 °	37.166967 °
				-120.754635 °	-120.750072 °
DWR ID	DWR_NA0010_01_s _ 2020_169				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_118_169_20200506_00309.jpg

Looking upstream along the waterside slope. (Spring 2020)

LM Start	**22.12**	Rating **	M	Issue No.	**1268**
LM End	**22.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

Comment Code

Inspector Comment

DS_ID:19605
FS_ID:39273
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/25/2014 Non-functional crossing--landward side is buried. Need to contact owner to determine status. If crossing is no longer used need to coordinate with CVFPB for proper abandonment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Wooden headboards on the landside (LS) end. Brass cap No. 31 bench mark (BM) on the headwall on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 22.13)].
FS Date: 4/25/2014

Photo 1 of 3 : UCIP_SP_2020_39273_65709.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	22.52	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**22.12**	Rating **	M	Issue No.	**1268 (cont)**
LM End	**22.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171181 °	37.171181 °
				-120.754526 °	-120.754526 °
DWR ID	19605				

Photo 2 of 3 : UCIP_SP_2020_39273_65707.jpg

Flap gate visible on waterward side.

LM Start	**22.12**	Rating **	M	Issue No.	**1268 (cont)**
LM End	**22.12**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39273_65708.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**0.02**	Rating **	U	Issue No.	**26**
LM End	**2.27**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.296224 °	37.291772 °
				-120.880353 °	-120.851672 °
DWR ID	DWR_NA0010_02A_s _ 2020_26				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_119_26_20200506_00069.jpg

Looking downstream along the waterside slope. (Spring 2020)

LM Start	**0.02**	Rating **	U	Issue No.	**27**
LM End	**2.27**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.296224 °	37.291772 °
				-120.880353 °	-120.851672 °
DWR ID	DWR_NA0010_02A_s _ 2020_27				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_119_27_20200506_00068.jpg

View of the landside slope looking downstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**0.23**	Rating **	M	Issue No.	**29**
LM End	**0.23**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.293440 °	37.293440 °
				-120.878978 °	-120.878978 °
DWR ID	19652				

Comment Code

Inspector Comment

DS_ID:19652
FS_ID:36503
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 139 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.24)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36503_66102.jpg

View of waterward side.

LM Start	**0.23**	Rating **	M	Issue No.	**29 (cont)**
LM End	**0.23**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36503_66101.jpg

Fence along waterward side. No headwall was found on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**0.23**	Rating **	M	Issue No.	**29 (cont)**
LM End	**0.23**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.293440 °	37.293440 °
				-120.878978 °	-120.878978 °
DWR ID	19652				

Photo 3 of 3 : UCIP_SP_2020_36503_66100.jpg

View of landward side.

LM Start	**0.66**	Rating **	M	Issue No.	**30**
LM End	**0.66**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288087 °	37.288087 °
				-120.874919 °	-120.874919 °
DWR ID	19653				

Comment Code

Inspector Comment

DS_ID:19653
FS_ID:36504
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 138 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.67)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36504_66106.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**0.66**	Rating **	M	Issue No.	**30 (cont)**
LM End	**0.66**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288087 °	37.288087 °
				-120.874919 °	-120.874919 °
DWR ID	19653				

Photo 2 of 3 : UCIP_SP_2020_36504_66105.jpg

View of landward side.

LM Start	**0.66**	Rating **	M	Issue No.	**30 (cont)**
LM End	**0.66**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36504_66104.jpg

Concrete headwall found on landward side.

LM Start	**0.71**	Rating **	U	Issue No.	**5**
LM End	**0.78**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.287517 °	37.286543 °
				-120.874583 °	-120.873935 °
DWR ID	DWR_NA0010_02A_s _ 2012_5				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

This section of the levee unit is in the process of being turned over to State Parks.

Photo 1 of 1 : SP_2020_NA0010_119_5_20200506_00070.jpg

Looking downstream at erosion through the waterside slope and levee crown. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.01**	Rating **	M	Issue No.	**31**
LM End	**1.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284889 °	37.284889 °
				-120.871352 °	-120.871352 °
DWR ID	19654				

Comment Code

Inspector Comment

DS_ID:19654
FS_ID:39363
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 137 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.02)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_39363_66113.jpg

View of waterward side.

LM Start	**1.01**	Rating **	M	Issue No.	**31 (cont)**
LM End	**1.01**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39363_66112.jpg

Pipe visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.01**	Rating **	M	Issue No.	**31 (cont)**
LM End	**1.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284889 °	37.284889 °
				-120.871352 °	-120.871352 °
DWR ID	19654				

Photo 3 of 3 : UCIP_SP_2020_39363_66111.jpg

Flap gate visible on waterward side.

LM Start	**1.21**	Rating **	M	Issue No.	**32**
LM End	**1.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

Comment Code

Inspector Comment

DS_ID:19655
FS_ID:36506
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 136 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.22)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36506_66114.jpg

Overview of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.21**	Rating **	M	Issue No.	**32 (cont)**
LM End	**1.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286118 °	37.286118 °
				-120.868167 °	-120.868167 °
DWR ID	19655				

Photo 2 of 3 : UCIP_SP_2020_36506_66117.jpg

Flap gate visible on waterward side.

LM Start	**1.21**	Rating **	M	Issue No.	**32 (cont)**
LM End	**1.21**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36506_66116.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.33**	Rating **	M	Issue No.	**33**
LM End	**1.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286463 °	37.286463 °
				-120.865997 °	-120.865997 °
DWR ID	19656				

Comment Code

Inspector Comment

DS_ID:19656
FS_ID:36507
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.34)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36507_66120.jpg

View of landward side.

LM Start	**1.33**	Rating **	M	Issue No.	**33 (cont)**
LM End	**1.33**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36507_66119.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.33**	Rating **	M	Issue No.	**33 (cont)**
LM End	**1.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.286463 °	37.286463 °
				-120.865997 °	-120.865997 °
DWR ID	19656				

Photo 3 of 3 : UCIP_SP_2020_36507_66118.jpg

Flap gate and concrete apron visible on waterward side.

LM Start	**1.61**	Rating **	M	Issue No.	**34**
LM End	**1.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288599 °	37.288599 °
				-120.862007 °	-120.862007 °
DWR ID	19657				

Comment Code

Inspector Comment

DS_ID:19657
FS_ID:36508
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.62)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36508_66124.jpg

Overview of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.61**	Rating **	M	Issue No.	**34 (cont)**
LM End	**1.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.288599 °	37.288599 °
				-120.862007 °	-120.862007 °
DWR ID	19657				

Photo 2 of 3 : UCIP_SP_2020_36508_66123.jpg

Dense vegetation along levee slope and toe.

LM Start	**1.61**	Rating **	M	Issue No.	**34 (cont)**
LM End	**1.61**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36508_66122.jpg

Enter photo 3 description or comment here.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.85**	Rating **	M	Issue No.	**35**
LM End	**1.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.290836 °	37.290836 °
				-120.858882 °	-120.858882 °
DWR ID	19658				

Comment Code

Inspector Comment

DS_ID:19658
FS_ID:36509
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.86)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36509_66129.jpg

View of landward side.

LM Start	**1.85**	Rating **	M	Issue No.	**35 (cont)**
LM End	**1.85**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36509_66128.jpg

Concrete headwall visible on landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**1.85**	Rating **	M	Issue No.	**35 (cont)**
LM End	**1.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.290836 °	37.290836 °
				-120.858882 °	-120.858882 °
DWR ID	19658				

Photo 3 of 3 : UCIP_SP_2020_36509_66127.jpg

Inside view of pipe from landward side.

LM Start	**2.28**	Rating **	M	Issue No.	**36**
LM End	**2.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291686 °	37.291686 °
				-120.851475 °	-120.851475 °
DWR ID	19659				

Comment Code

Inspector Comment

DS_ID:19659
FS_ID:36510
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.30)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36510_66133.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.28**	Rating **	M	Issue No.	**36 (cont)**
LM End	**2.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291686 °	37.291686 °
				-120.851475 °	-120.851475 °
DWR ID	19659				

Photo 2 of 3 : UCIP_SP_2020_36510_66132.jpg

Concrete headwall visible on landward side.

LM Start	**2.28**	Rating **	M	Issue No.	**36 (cont)**
LM End	**2.28**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36510_66131.jpg

View of pipe through levee visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.30**	Rating **	M	Issue No.	**37**
LM End	**2.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291532 °	37.291532 °
				-120.851203 °	-120.851203 °
DWR ID	19660				

Comment Code

Inspector Comment

DS_ID:19660
FS_ID:36511
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 135 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.32)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36511_66137.jpg

View of waterward side.

LM Start	**2.30**	Rating **	M	Issue No.	**37 (cont)**
LM End	**2.30**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36511_66136.jpg

Flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.30**	Rating **	M	Issue No.	**37 (cont)**
LM End	**2.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291532 °	37.291532 °
				-120.851203 °	-120.851203 °
DWR ID	19660				

Photo 3 of 3 : UCIP_SP_2020_36511_66138.jpg

Overview of landward slope.

LM Start	**2.32**	Rating **	U	Issue No.	**23**
LM End	**7.85**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.291414 °	37.231424 °
				-120.850956 °	-120.812021 °
DWR ID	DWR_NA0010_02A_s _ 2020_23				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_119_23_20200506_00074.jpg

View of vegetation on the waterside slope. (Spring 2020)

LM Start	**2.32**	Rating **	U	Issue No.	**22**
LM End	**7.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.291413 °	37.231336 °
				-120.850956 °	-120.811931 °
DWR ID	DWR_NA0010_02A_s _ 2020_22				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_119_22_20200506_00075.jpg

Looking upstream along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.58**	Rating **	M	Issue No.	**38**
LM End	**2.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.289487 °	37.289487 °
				-120.846941 °	-120.846941 °
DWR ID	19661				

Comment Code

Inspector Comment

DS_ID:19661
FS_ID:36512
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.59)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36512_66142.jpg

View of landward side.

LM Start	**2.58**	Rating **	M	Issue No.	**38 (cont)**
LM End	**2.58**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36512_66141.jpg

Concrete headwall visible on landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.58**	Rating **	M	Issue No.	**38 (cont)**
LM End	**2.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.289487 °	37.289487 °
				-120.846941 °	-120.846941 °
DWR ID	19661				

Photo 3 of 3 : UCIP_SP_2020_36512_66140.jpg

Non-functional crossing concrete headwall and inlet buried on landward side.

LM Start	**2.95**	Rating **	M	Issue No.	**39**
LM End	**2.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284326 °	37.284326 °
				-120.845157 °	-120.845157 °
DWR ID	19662				

Comment Code

Inspector Comment

DS_ID:19662
FS_ID:36513
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.96)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36513_66145.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**2.95**	Rating **	M	Issue No.	**39 (cont)**
LM End	**2.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.284326 °	37.284326 °
				-120.845157 °	-120.845157 °
DWR ID	19662				

Photo 2 of 3 : UCIP_SP_2020_36513_66144.jpg

Flap gate visible on waterward side.

LM Start	**2.95**	Rating **	M	Issue No.	**39 (cont)**
LM End	**2.95**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36513_66149.jpg

View of slope on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**3.28**	Rating **	M	Issue No.	**40**
LM End	**3.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

Comment Code

Inspector Comment

DS_ID:19665
FS_ID:36514
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.29)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36514_66151.jpg

View of waterward side.

LM Start	**3.28**	Rating **	M	Issue No.	**40 (cont)**
LM End	**3.28**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36514_66153.jpg

Flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**3.28**	Rating **	M	Issue No.	**40 (cont)**
LM End	**3.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279656 °	37.279656 °
				-120.844795 °	-120.844795 °
DWR ID	19665				

Photo 3 of 3 : UCIP_SP_2020_36514_66152.jpg

View of landward side.

LM Start	**3.61**	Rating **	M	Issue No.	**41**
LM End	**3.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278203 °	37.278203 °
				-120.839884 °	-120.839884 °
DWR ID	19666				

Comment Code

Inspector Comment

DS_ID:19666
FS_ID:36515
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.62)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36515_66155.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**3.61**	Rating **	M	Issue No.	**41 (cont)**
LM End	**3.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278203 °	37.278203 °
				-120.839884 °	-120.839884 °
DWR ID	19666				

Photo 2 of 3 : UCIP_SP_2020_36515_66154.jpg

Flap gate visible on waterward side.

LM Start	**3.61**	Rating **	M	Issue No.	**41 (cont)**
LM End	**3.61**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36515_66156.jpg

View of landward side.

LM Start	**3.67**	Rating **	M	Issue No.	**24**
LM End	**3.85**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.278806 °	37.279989 °
				-120.839001 °	-120.836329 °
DWR ID	DWR_NA0010_02A_s _ 2020_24				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**3.94**	Rating **	M	Issue No.	**42**
LM End	**3.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279704 °	37.279704 °
				-120.834709 °	-120.834709 °
DWR ID	19667				

Comment Code

Inspector Comment

DS_ID:19667
FS_ID:39364
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Signs of erosion or sink hole present on landward toe--Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 130 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.95)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_39364_66161.jpg

View of landward side.

LM Start	**3.94**	Rating **	M	Issue No.	**42 (cont)**
LM End	**3.94**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39364_66160.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**3.94**	Rating **	M	Issue No.	**42 (cont)**
LM End	**3.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.279704 °	37.279704 °
				-120.834709 °	-120.834709 °
DWR ID	19667				

Photo 3 of 3 : UCIP_SP_2020_39364_66159.jpg

Flap gate and concrete headwall visible through dense vegetation.

LM Start	**5.41**	Rating **	M	Issue No.	**43**
LM End	**5.41**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260069 °	37.260069 °
				-120.831768 °	-120.831768 °
DWR ID	19668				

Comment Code

Inspector Comment

DS_ID:19668
FS_ID:36517
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.43)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36517_66167.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**5.41**	Rating **	M	Issue No.	**43 (cont)**
LM End	**5.41**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260069 °	37.260069 °
				-120.831768 °	-120.831768 °
DWR ID	19668				

Photo 2 of 3 : UCIP_SP_2020_36517_66166.jpg

Flap gate visible on waterward side.

LM Start	**5.41**	Rating **	M	Issue No.	**43 (cont)**
LM End	**5.41**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36517_66165.jpg

View of waterward slope covered by vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**6.03**	Rating **	M	Issue No.	**44**
LM End	**6.03**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253527 °	37.253527 °
				-120.823991 °	-120.823991 °
DWR ID	19669				

Comment Code

Inspector Comment

DS_ID:19669
FS_ID:36518
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.06)].
FS Date: 5/1/2014

Photo 1 of 2 : UCIP_SP_2020_36518_66171.jpg

View of landward side.

LM Start	**6.03**	Rating **	M	Issue No.	**44 (cont)**
LM End	**6.03**	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_36518_66170.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**6.47**	Rating **	M	Issue No.	**45**
LM End	**6.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248210 °	37.248210 °
				-120.823120 °	-120.823120 °
DWR ID	19670				

Comment Code

Inspector Comment

DS_ID:19670
FS_ID:36519
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.50)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36519_66173.jpg

View of waterward side.

LM Start	**6.47**	Rating **	M	Issue No.	**45 (cont)**
LM End	**6.47**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36519_66172.jpg

Crossing and flap gate visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**6.47**	Rating **	M	Issue No.	**45 (cont)**
LM End	**6.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248210 °	37.248210 °
				-120.823120 °	-120.823120 °
DWR ID	19670				

Photo 3 of 3 : UCIP_SP_2020_36519_66174.jpg

Overview of levee crown and landward slope.

LM Start	**6.97**	Rating **	M	Issue No.	**28**
LM End	**6.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.241125 °	37.241125 °
				-120.821747 °	-120.821747 °
DWR ID	DWR_NA0010_02A_f _ 2017_28				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_119_28_20200225_00011.jpg

Looking northwest at landside slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**7.02**	Rating **	M	Issue No.	**46**
LM End	**7.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				

Comment Code

Inspector Comment

DS_ID:19671
FS_ID:39365
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Pipe extension visible on landward side--need to contact owner for additional information about extension/modification. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.6 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.05)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_39365_66178.jpg

View of landward side.

LM Start	**7.02**	Rating **	M	Issue No.	**46 (cont)**
LM End	**7.02**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39365_66177.jpg

Pipe extension visible on landward side attached to inlet at concrete headwall.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**7.02**	Rating **	M	Issue No.	**46 (cont)**
LM End	**7.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240333 °	37.240333 °
				-120.821490 °	-120.821490 °
DWR ID	19671				

Photo 3 of 3 : UCIP_SP_2020_39365_66176.jpg

View of waterward side.

LM Start	**7.74**	Rating **	M	Issue No.	**47**
LM End	**7.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232650 °	37.232650 °
				-120.813363 °	-120.813363 °
DWR ID	19673				

Comment Code

Inspector Comment

DS_ID:19673
FS_ID:36521
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 125 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.77)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36521_66183.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A San Joaquin River	Left	7.87	04/20/2020 04/24/2020	Corey Fujitani

LM Start	**7.74**	Rating **	M	Issue No.	**47 (cont)**
LM End	**7.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232650 °	37.232650 °
				-120.813363 °	-120.813363 °
DWR ID	19673				

Photo 2 of 3 : UCIP_SP_2020_36521_66182.jpg

View of landward side.

LM Start	**7.74**	Rating **	M	Issue No.	**47 (cont)**
LM End	**7.74**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36521_66181.jpg

View of waterward side--photo taken from levee toe looking towards alignment of crossing.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**7.87**	Rating **	U	Issue No.	**15**
LM End	**13.73**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.231206 °	37.172443 °
				-120.811800 °	-120.761150 °
DWR ID	DWR_NA0010_02B_s _ 2020_15				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_120_15_20200506_00049.jpg

View of the waterside slope looking upstream. (Spring 2020)

LM Start	**7.87**	Rating **	U	Issue No.	**18**
LM End	**13.73**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.231205 °	37.172443 °
				-120.811800 °	-120.761150 °
DWR ID	DWR_NA0010_02B_s _ 2020_18				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_120_18_20200506_00050.jpg

Looking upstream along the landside slope. (Spring 2020)

LM Start	**7.87**	Rating **	C	Issue No.	**16**
LM End	**8.96**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.231209 °	37.221054 °
				-120.811764 °	-120.796934 °
DWR ID	DWR_NA0010_02B_f _ 2016_16				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Rutting caused by excessive speeds on levee crown.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**8.13**	Rating **	M	Issue No.	**26**
LM End	**8.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228343 °	37.228343 °
				-120.808789 °	-120.808789 °
DWR ID	19674				

Comment Code

Inspector Comment

DS_ID:19674
FS_ID:39366
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope and landward headwall. Recommend removing vegetation along pipe alignment and toe to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.16)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_39366_66184.jpg

View of landward side.

LM Start	**8.13**	Rating **	M	Issue No.	**26 (cont)**
LM End	**8.13**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39366_66185.jpg

Overview of levee crown at crossing.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**8.13**	Rating **	M	Issue No.	**26 (cont)**
LM End	**8.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228343 °	37.228343 °
				-120.808789 °	-120.808789 °
DWR ID	19674				

Photo 3 of 3 : UCIP_SP_2020_39366_66186.jpg

View of waterward side.

LM Start	**8.46**	Rating **	M	Issue No.	**27**
LM End	**8.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.225241 °	37.225241 °
				-120.804286 °	-120.804286 °
DWR ID	19675				

Comment Code

Inspector Comment

DS_ID:19675
FS_ID:39367
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation on landward toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along waterward slope. Recommend removing vegetation along pipe alignment toe to conduct proper inspection of structure. Sediment buildup in pipe--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.48)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_39367_66195.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**8.46**	Rating **	M	Issue No.	**27 (cont)**
LM End	**8.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.225241 °	37.225241 °
				-120.804286 °	-120.804286 °
DWR ID	19675				

Photo 2 of 3 : UCIP_SP_2020_39367_66193.jpg

Overview of levee crown at crossing.

LM Start	**8.46**	Rating **	M	Issue No.	**27 (cont)**
LM End	**8.46**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39367_66194.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**8.83**	Rating **	M	Issue No.	**28**
LM End	**8.83**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222271 °	37.222271 °
				-120.798705 °	-120.798705 °
DWR ID	19676				

Comment Code

Inspector Comment

DS_ID:19676
FS_ID:42503
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Burrow activity presen on waterward slope. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as HLM 9.86 should be 8.86)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_42503_66200.jpg

View of landward side.

LM Start	**8.83**	Rating **	M	Issue No.	**28 (cont)**
LM End	**8.83**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_42503_66199.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**8.83**	Rating **	M	Issue No.	**28 (cont)**
LM End	**8.83**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222271 °	37.222271 °
				-120.798705 °	-120.798705 °
DWR ID	19676				

Photo 3 of 3 : UCIP_SP_2020_42503_66201.jpg

View of waterward toe.

LM Start	**9.00**	Rating **	M	Issue No.	**29**
LM End	**9.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220888 °	37.220888 °
				-120.796394 °	-120.796394 °
DWR ID	19677				

Comment Code

Inspector Comment

DS_ID:19677
FS_ID:36525
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 8.8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.02)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_36525_66208.jpg

View of waterward side--pipe and flap gate visible.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**9.00**	Rating **	M	Issue No.	**29 (cont)**
LM End	**9.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220888 °	37.220888 °
				-120.796394 °	-120.796394 °
DWR ID	19677				

Photo 2 of 3 : UCIP_SP_2020_36525_66207.jpg

View of flap gate visible from waterward side.

LM Start	**9.00**	Rating **	M	Issue No.	**29 (cont)**
LM End	**9.00**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36525_66206.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**9.17**	Rating **	M	Issue No.	**30**
LM End	**9.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220520 °	37.220520 °
				-120.793277 °	-120.793277 °
DWR ID	19678				

Comment Code

Inspector Comment

DS_ID:19678
FS_ID:40443
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 120 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.20)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_40443_66211.jpg

View of landward side.

LM Start	**9.17**	Rating **	M	Issue No.	**30 (cont)**
LM End	**9.17**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_40443_66210.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**9.17**	Rating **	M	Issue No.	**30 (cont)**
LM End	**9.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220520 °	37.220520 °
				-120.793277 °	-120.793277 °
DWR ID	19678				

Photo 3 of 3 : UCIP_SP_2020_40443_66209.jpg

Pipe visible on waterward side.

LM Start	**9.42**	Rating **	C	Issue No.	**17**
LM End	**9.42**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.220199 °	37.220199 °
				-120.788748 °	-120.788748 °
DWR ID	DWR_NA0010_02B_f _ 2016_17				

Comment Code

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim back dead tree limbs on landside toe.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**9.43**	Rating **	M	Issue No.	**31**
LM End	**9.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220227 °	37.220227 °
				-120.788634 °	-120.788634 °
DWR ID	19686				

Comment Code

Inspector Comment

DS_ID:19686
FS_ID:36527
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.46)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_36527_66217.jpg

View of landward side.

LM Start	**9.43**	Rating **	M	Issue No.	**31 (cont)**
LM End	**9.43**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36527_66216.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**9.43**	Rating **	M	Issue No.	**31 (cont)**
LM End	**9.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220227 °	37.220227 °
				-120.788634 °	-120.788634 °
DWR ID	19686				

Photo 3 of 3 : UCIP_SP_2020_36527_66215.jpg

Concrete headwall visible on landward side.

LM Start	**9.90**	Rating **	M	Issue No.	**20**
LM End	**9.90**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.216923 °	37.216923 °
				-120.784007 °	-120.784007 °
DWR ID	DWR_NA0010_02B_f _ 2019_20				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Dead tree limb hanging on landside toe.

Photo 1 of 1 : SP_2020_NA0010_120_20_20200225_00008.jpg

View of broken tree limb hanging over landside slope and toe. (Fall 2019)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**10.09**	Rating **	M	Issue No.	**32**
LM End	**10.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.214229 °	37.214229 °
				-120.784350 °	-120.784350 °
DWR ID	19687				

Comment Code

Inspector Comment

DS_ID:19687
FS_ID:36528
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.7 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.12)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_36528_66224.jpg

Overview of waterward side.

LM Start	**10.09**	Rating **	M	Issue No.	**32 (cont)**
LM End	**10.09**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36528_66226.jpg

View of waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**10.09**	Rating **	M	Issue No.	**32 (cont)**
LM End	**10.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.214229 °	37.214229 °
				-120.784350 °	-120.784350 °
DWR ID	19687				

Photo 3 of 3 : UCIP_SP_2020_36528_66222.jpg

View of waterward side.

LM Start	**10.56**	Rating **	M	Issue No.	**19**
LM End	**10.69**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.208554 °	37.207015 °
				-120.780322 °	-120.778826 °
DWR ID	DWR_NA0010_02B_s _ 2020_19				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**10.78**	Rating **	M	Issue No.	**33**
LM End	**10.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.206352 °	37.206352 °
				-120.777634 °	-120.777634 °
DWR ID	19688				

Comment Code

Inspector Comment

DS_ID:19688
FS_ID:42504
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.81)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_42504_66231.jpg

View of landward side.

LM Start	**10.78**	Rating **	M	Issue No.	**33 (cont)**
LM End	**10.78**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_42504_66232.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**10.78**	Rating **	M	Issue No.	**33 (cont)**
LM End	**10.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.206352 °	37.206352 °
				-120.777634 °	-120.777634 °
DWR ID	19688				

Photo 3 of 3 : UCIP_SP_2020_42504_66234.jpg

View of pipe visible on waterward side.

LM Start	**10.94**	Rating **	M	Issue No.	**14**
LM End	**10.94**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.205711 °	37.205711 °
				-120.774741 °	-120.774741 °
DWR ID	DWR_NA0010_02B_f _ 2015_14				

Comment Code

PR : Prunings

Inspector Comment

Remove prunings from landside toe.

Photo 1 of 1 : SP_2020_NA0010_120_14_20200225_00003.jpg

Prunings at landside toe. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**11.14**	Rating **	M	Issue No.	**34**
LM End	**11.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204640 °	37.204640 °
				-120.771564 °	-120.771564 °
DWR ID	19689				

Comment Code

Inspector Comment

DS_ID:19689
FS_ID:36530
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Brass cap No. 115 bench mark (BM) on the headwall on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.17)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_36530_66236.jpg

View of landward slope.

LM Start	**11.14**	Rating **	M	Issue No.	**34 (cont)**
LM End	**11.14**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36530_66235.jpg

Slide gate visible on landward side blocked by vegetation.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**11.14**	Rating **	M	Issue No.	**34 (cont)**
LM End	**11.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.204640 °	37.204640 °
				-120.771564 °	-120.771564 °
DWR ID	19689				

Photo 3 of 3 : UCIP_SP_2020_36530_66238.jpg

View of waterward side.

LM Start	**11.39**	Rating **	U	Issue No.	**21**
LM End	**11.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.201839 °	37.201839 °
				-120.768489 °	-120.768489 °
DWR ID	DWR_NA0010_02B_f _ 2018_21				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Erosion occurring into the landside slope of levee.

Photo 1 of 1 : SP_2020_NA0010_120_21_20200225_00009.jpg

Erosion into landside slope. Looking upstream. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**11.40**	Rating **	M	Issue No.	**35**
LM End	**11.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.201792 °	37.201792 °
				-120.768462 °	-120.768462 °
DWR ID	19690				

Comment Code

Inspector Comment

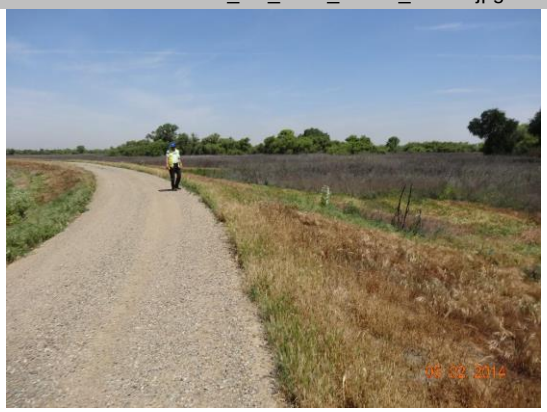
DS_ID:19690
FS_ID:36531
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Screw gate on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.43)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_36531_66241.jpg

View of landward side.

LM Start	**11.40**	Rating **	M	Issue No.	**35 (cont)**
LM End	**11.40**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36531_66240.jpg



View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**11.40**	Rating **	M	Issue No.	**35 (cont)**
LM End	**11.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.201792 °	37.201792 °
				-120.768462 °	-120.768462 °
DWR ID	19690				

Photo 3 of 3 : UCIP_SP_2020_36531_66239.jpg

Flap gate visible on waterward toe.

LM Start	**12.21**	Rating **	M	Issue No.	**1**
LM End	**12.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.191528 °	37.191528 °
				-120.764541 °	-120.764541 °
DWR ID	DWR_NA0010_02B_f _ 2014_1				

Comment Code

TR : Tree or limb

Inspector Comment

Fallen tree limbs are located on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_120_1_20200225_00001.jpg

Looking northwest at tree limb on landward slope.

LM Start	**12.86**	Rating **	M	Issue No.	**23**
LM End	**12.99**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.183375 °	37.181646 °
				-120.767687 °	-120.766494 °
DWR ID	DWR_NA0010_02B_s _ 2020_23				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

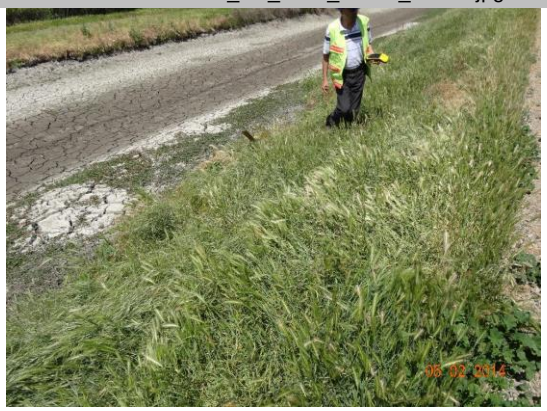
LM Start	**13.18**	Rating **	M	Issue No.	**36**
LM End	**13.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179265 °	37.179265 °
				-120.764870 °	-120.764870 °
DWR ID	19663				

Comment Code

Inspector Comment

DS_ID:19663
FS_ID:39370
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6.5 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as HLM 13.32 should be 13.22)].
FS Date: 5/14/2014

Photo 1 of 3 : UCIP_SP_2020_39370_66245.jpg



View of landward side.

LM Start	**13.18**	Rating **	M	Issue No.	**36 (cont)**
LM End	**13.18**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39370_66244.jpg

Overview of landward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02B San Joaquin River	Left	5.92	04/24/2020 04/24/2020	Corey Fujitani

LM Start	**13.18**	Rating **	M	Issue No.	**36 (cont)**
LM End	**13.18**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.179265 °	37.179265 °
				-120.764870 °	-120.764870 °
DWR ID	19663				

Photo 3 of 3 : UCIP_SP_2020_39370_66243.jpg

View of waterward side.

LM Start	**13.72**	Rating **	M	Issue No.	**25**
LM End	**13.72**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.172648 °	37.172648 °
				-120.761157 °	-120.761157 °
DWR ID	DWR_NA0010_02B_f _ 2018_25				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Erosion is occurring into the landside bank.

Photo 1 of 1 : SP_2020_NA0010_120_25_20200225_00014.jpg

Looking down landside slope from crown at erosion site. (Fall 2018)

LM Start	**13.73**	Rating **	M	Issue No.	**22**
LM End	**13.73**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.172387 °	37.172387 °
				-120.761190 °	-120.761190 °
DWR ID	DWR_NA0010_02B_f _ 2018_22				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are several rodent burrows observed at this location.

Photo 1 of 1 : SP_2020_NA0010_120_22_20200225_00011.jpg

View of waterside slope looking upstream. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.19**	Rating **	M	Issue No.	**67**
LM End	**0.19**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.109013 °	37.109013 °
				-120.587799 °	-120.587799 °
DWR ID	DWR_NA0010_03_s _ 2015_67				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent holes are noted on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_121_67_20200225_00008.jpg

Looking southwest at the landside shoulder.

LM Start	**0.37**	Rating **	M	Issue No.	**9**
LM End	**0.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106799 °	37.106799 °
				-120.586388 °	-120.586388 °
DWR ID	DWR_NA0010_03_f _ 2019_9				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**0.41**	Rating **	M	Issue No.	**16**
LM End	**0.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106310 °	37.106310 °
				-120.585859 °	-120.585859 °
DWR ID	DWR_NA0010_03_f _ 2018_16				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are located on land and water side of gate.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.42**	Rating **	M	Issue No.	**68**
LM End	**0.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.106233 °	37.106233 °
				-120.585797 °	-120.585797 °
DWR ID	19691				

Comment Code

Inspector Comment

DS_ID:19691
FS_ID:34083
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Need to contact owner. Recommend removing tall grass on landward slope and clearing sediment build up inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.43)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_34083_61941.jpg

Concrete structure and flap gate visible on waterward side.

LM Start	**0.42**	Rating **	M	Issue No.	**68 (cont)**
LM End	**0.42**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34083_61940.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.42**	Rating **	M	Issue No.	**68 (cont)**
LM End	**0.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.106233 °	37.106233 °
				-120.585797 °	-120.585797 °
DWR ID	19691				

Photo 3 of 3 : UCIP_SP_2020_34083_61944.jpg

View of landward side.

LM Start	**0.43**	Rating **	M	Issue No.	**6**
LM End	**0.43**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.106121 °	37.106121 °
				-120.585680 °	-120.585680 °
DWR ID	DWR_NA0010_03_f _ 2017_6				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_121_6_20200225_00002.jpg

Looking east at the landside slope.

LM Start	**0.43**	Rating **	M	Issue No.	**12**
LM End	**1.89**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.106076 °	37.090204 °
				-120.585617 °	-120.570148 °
DWR ID	DWR_NA0010_03_s _ 2020_12				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_121_12_20200506_00021.jpg

View along the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.76**	Rating **	A/W	Issue No.	**69**
LM End	**0.76**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.102964 °	37.102964 °
				-120.581421 °	-120.581421 °
DWR ID	19692				

Comment Code

Inspector Comment

DS_ID:19692
FS_ID:36534
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.77)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_36534_66248.jpg

View of waterward slope.

LM Start	**0.76**	Rating **	A/W	Issue No.	**69 (cont)**
LM End	**0.76**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36534_66249.jpg

Concrete structure located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.76**	Rating **	A/W	Issue No.	**69 (cont)**
LM End	**0.76**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.102964 °	37.102964 °
				-120.581421 °	-120.581421 °
DWR ID	19692				

Photo 3 of 3 : UCIP_SP_2020_36534_66251.jpg

View of landward slope.

LM Start	**0.83**	Rating **	C	Issue No.	**7**
LM End	**0.83**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.102190 °	37.102190 °
				-120.580717 °	-120.580717 °
DWR ID	DWR_NA0010_03_f _ 2017_7				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**1.54**	Rating **	A/W	Issue No.	**65**
LM End	**1.54**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.094270 °	37.094270 °
				-120.573112 °	-120.573112 °
DWR ID	DWR_NA0010_03_s _ 2015_65				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**1.71**	Rating **	M	Issue No.	**70**
LM End	**1.71**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.092079 °	37.092079 °
				-120.572316 °	-120.572316 °
DWR ID	19693				

Comment Code

Inspector Comment

DS_ID:19693
FS_ID:39371
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Sediment buildup in pipe visible from landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.72)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_39371_66252.jpg

View of levee crown at crossing.

LM Start	**1.71**	Rating **	M	Issue No.	**70 (cont)**
LM End	**1.71**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39371_66254.jpg

Concrete structure located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 San Joaquin River	Right	2.10	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**1.71**	Rating **	M	Issue No.	**70 (cont)**
LM End	**1.71**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.092079 °	37.092079 °
				-120.572316 °	-120.572316 °
DWR ID	19693				

Photo 3 of 3 : UCIP_SP_2020_39371_66253.jpg

View of waterward side--channel.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.24**	Rating **	M	Issue No.	**14**
LM End	**0.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109933 °	37.109933 °
				-120.590689 °	-120.590689 °
DWR ID	19695				

Comment Code

Inspector Comment

DS_ID:19695
FS_ID:34093
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Sediment and debris blocking concrete headwall located on waterward side. During inspection water was flowing from landward side to waterward side. Recommend removing sediment to confirm condition of flap gate and pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.27)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_34093_61982.jpg

View of dense vegetation near concrete headwall located on waterward side.

LM Start	**0.24**	Rating **	M	Issue No.	**14 (cont)**
LM End	**0.24**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34093_61981.jpg

Sediment blocking flap gate located on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 San Joaquin River	Left	1.41	04/27/2020 04/27/2020	Corey Fujitani

LM Start	**0.24**	Rating **	M	Issue No.	**14 (cont)**
LM End	**0.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109933 °	37.109933 °
				-120.590689 °	-120.590689 °
DWR ID	19695				

Photo 3 of 3 : UCIP_SP_2020_34093_61980.jpg

View of waterward side.

LM Start	**0.44**	Rating **	M	Issue No.	**9**
LM End	**1.39**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.107264 °	37.097745 °
				-120.589747 °	-120.578145 °
DWR ID	DWR_NA0010_04_s _ 2020_9				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_122_9_20200506_00023.jpg

View of vegetation looking downstream along the waterside slope. (Spring 2020)

LM Start	**0.55**	Rating **	C	Issue No.	**8**
LM End	**0.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.105957 °	37.105957 °
				-120.588684 °	-120.588684 °
DWR ID	DWR_NA0010_04_f _ 2017_8				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.08**	Rating **	M	Issue No.	**1310**
LM End	**0.08**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				

Comment Code

Inspector Comment

DS_ID:19756
FS_ID:39563
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Debris blocking landward headwall--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.6 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.07)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39563_60921.jpg

Pipe, flapgate, and concrete headwall on WS toe.

LM Start	**0.08**	Rating **	M	Issue No.	**1310 (cont)**
LM End	**0.08**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39563_60920.jpg

Pipe, flapgate, and concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.08**	Rating **	M	Issue No.	**1310 (cont)**
LM End	**0.08**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.278174 °	37.278174 °
				-120.823465 °	-120.823465 °
DWR ID	19756				

Photo 3 of 3 : UCIP_SP_2020_39563_60922.jpg

Pipe and concrete headwall on LS toe.

LM Start	**0.60**	Rating **	M	Issue No.	**1313**
LM End	**0.60**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273945 °	37.273945 °
				-120.815835 °	-120.815835 °
DWR ID	19757				

Comment Code

Inspector Comment

DS_ID:19757
FS_ID:39584
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Excess debris on landward headwall--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.59)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39584_60926.jpg

Concrete headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.60**	Rating **	M	Issue No.	**1313 (cont)**
LM End	**0.60**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273945 °	37.273945 °
				-120.815835 °	-120.815835 °
DWR ID	19757				

Photo 2 of 3 : UCIP_SP_2020_39584_60925.jpg

Concrete headwall, pipe, and flapgate on WS toe.

LM Start	**0.60**	Rating **	M	Issue No.	**1313 (cont)**
LM End	**0.60**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39584_60927.jpg

Pipe and concrete headwall on LS toe. Note vegetation buildup.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

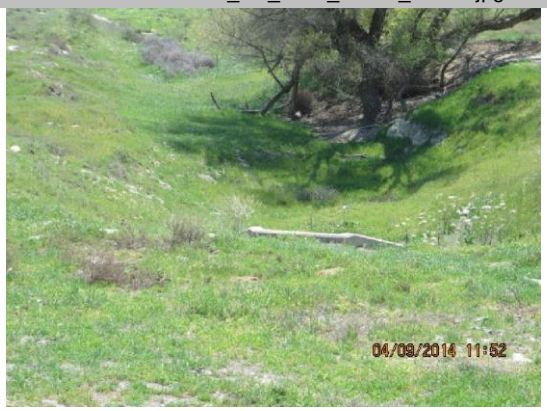
LM Start	**0.65**	Rating **	M	Issue No.	**1314**
LM End	**0.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273398 °	37.273398 °
				-120.815082 °	-120.815082 °
DWR ID	19758				

Comment Code

Inspector Comment

DS_ID:19758
FS_ID:39585
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. Cobble revetment around both ends. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.65)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_39585_60931.jpg



Concrete headwall visible off WS toe.

LM Start	**0.65**	Rating **	M	Issue No.	**1314 (cont)**
LM End	**0.65**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39585_60929.jpg

Pipe, flapgate, and headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.65**	Rating **	M	Issue No.	**1314 (cont)**
LM End	**0.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.273398 °	37.273398 °
				-120.815082 °	-120.815082 °
DWR ID	19758				

Photo 3 of 3 : UCIP_SP_2020_39585_60930.jpg

Concrete headwall at LS toe.

LM Start	**0.67**	Rating **	U	Issue No.	**126**
LM End	**1.94**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273226 °	37.260707 °
				-120.814911 °	-120.799490 °
DWR ID	DWR_NA0010_05_s _ 2020_126				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_126_20200506_00343.jpg

View of the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.85**	Rating **	A/W	Issue No.	**1315**
LM End	**0.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271894 °	37.271894 °
				-120.812224 °	-120.812224 °
DWR ID	19759				

Comment Code

Inspector Comment

DS_ID:19759
FS_ID:33707
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.84)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_33707_60934.jpg

Concrete headwall visible at LS toe.

LM Start	**0.85**	Rating **	A/W	Issue No.	**1315 (cont)**
LM End	**0.85**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33707_60933.jpg

Pipe, flapgate, and headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**0.85**	Rating **	A/W	Issue No.	**1315 (cont)**
LM End	**0.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271894 °	37.271894 °
				-120.812224 °	-120.812224 °
DWR ID	19759				

Photo 3 of 3 : UCIP_SP_2020_33707_60936.jpg

Pipe and concrete headwall at LS toe.

LM Start	**1.17**	Rating **	M	Issue No.	**111**
LM End	**1.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.268866 °	37.267948 °
				-120.808460 °	-120.807513 °
DWR ID	DWR_NA0010_05_f _ 2018_111				

Comment Code

TR : Tree or limb

Inspector Comment

Downed tree limbs left along the levee toe.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**1.45**	Rating **	A/W	Issue No.	**1316**
LM End	**1.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °
				-120.804955 °	-120.804955 °
DWR ID	19760				

Comment Code

Inspector Comment

DS_ID:19760
FS_ID:33708
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 21 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.44)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_33708_60939.jpg

Flapgate on concrete headwall at WS toe.

LM Start	**1.45**	Rating **	A/W	Issue No.	**1316 (cont)**
LM End	**1.45**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33708_60938.jpg

Flapgate on concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**1.45**	Rating **	A/W	Issue No.	**1316 (cont)**
LM End	**1.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.265804 °	37.265804 °
				-120.804955 °	-120.804955 °
DWR ID	19760				

Photo 3 of 3 : UCIP_SP_2020_33708_60937.jpg

Pipe and concrete headwall on LS toe.

LM Start	**1.48**	Rating **	C	Issue No.	**103**
LM End	**1.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.265507 °	37.265507 °
				-120.804688 °	-120.804688 °
DWR ID	DWR_NA0010_05_s _ 2017_103				

Comment Code

TR : Tree or limb

Inspector Comment

A fallen tree is located on the landside toe.

No Photos

LM Start	**1.66**	Rating **	M	Issue No.	**80**
LM End	**1.75**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263448 °	37.262225 °
				-120.802715 °	-120.802296 °
DWR ID	DWR_NA0010_05_f _ 2015_80				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are located on levee crown and landside slope within this section.

Photo 1 of 1 : SP_2020_NA0010_123_80_20200225_00013.jpg

Looking at typical view of rodent holes within this section on landward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**1.94**	Rating **	M	Issue No.	**190**
LM End	**3.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.260676 °	37.256518 °
				-120.799420 °	-120.778807 °
DWR ID	DWR_NA0010_05_s _ 2020_190				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.82**	Rating **	M	Issue No.	**102**
LM End	**2.82**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.256805 °	37.256805 °
				-120.785434 °	-120.785434 °
DWR ID	DWR_NA0010_05_s _ 2019_102				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**2.84**	Rating **	M	Issue No.	**1317**
LM End	**2.84**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				

Comment Code

Inspector Comment

DS_ID:19809
FS_ID:33709
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/09/2014 Log partially blocking inlet at LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.85)].
FS Date: 4/9/2014

Photo 1 of 3 : UCIP_SP_2020_33709_60943.jpg

Concrete headwall at outlet on WS toe.

LM Start	**2.84**	Rating **	M	Issue No.	**1317 (cont)**
LM End	**2.84**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33709_60941.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**2.84**	Rating **	M	Issue No.	**1317 (cont)**
LM End	**2.84**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256810 °	37.256810 °
				-120.785113 °	-120.785113 °
DWR ID	19809				

Photo 3 of 3 : UCIP_SP_2020_33709_60942.jpg

Concrete headwall and metal gate hoist on LS toe.

LM Start	**3.21**	Rating **	M	Issue No.	**193**
LM End	**3.62**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256518 °	37.255564 °
				-120.778807 °	-120.772381 °
DWR ID	DWR_NA0010_05_s _ 2020_193				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

end at start of unit 7.

Photo 1 of 1 : SP_2020_NA0010_123_193_20200506_00344.jpg

Looking downstream along the levee crown. (Spring 2020)

LM Start	**3.21**	Rating **	U	Issue No.	**191**
LM End	**3.62**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256518 °	37.255676 °
				-120.778807 °	-120.771932 °
DWR ID	DWR_NA0010_05_s _ 2020_191				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_191_20200506_00345.jpg

Looking upstream along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**3.21**	Rating **	M	Issue No.	**192**
LM End	**3.63**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256518 °	37.252960 °
				-120.778807 °	-120.768367 °
DWR ID	DWR_NA0010_05_s _ 2020_192				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**3.23**	Rating **	M	Issue No.	**127**
LM End	**3.23**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256278 °	37.256278 °
				-120.778404 °	-120.778404 °
DWR ID	DWR_NA0010_05_f _ 2018_127				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**3.34**	Rating **	M	Issue No.	**1318**
LM End	**3.34**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255258 °	37.255258 °
				-120.776996 °	-120.776996 °
DWR ID	19810				

Comment Code

Inspector Comment

DS_ID:19810
FS_ID:43055
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/15/2014 Pipe corroded through at flapgate on WS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.33)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_43055_60948.jpg

Concrete headwall at WS toe.

LM Start	**3.34**	Rating **	M	Issue No.	**1318 (cont)**
LM End	**3.34**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_43055_60946.jpg

Flapgate and Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**3.34**	Rating **	M	Issue No.	**1318 (cont)**
LM End	**3.34**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255258 °	37.255258 °
				-120.776996 °	-120.776996 °
DWR ID	19810				

Photo 3 of 3 : UCIP_SP_2020_43055_60951.jpg

Pipe corroded through just behind flapgate at WS toe.

LM Start	**3.54**	Rating **	M	Issue No.	**122**
LM End	**3.54**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255182 °	37.255182 °
				-120.773708 °	-120.773708 °
DWR ID	DWR_NA0010_05_f _ 2019_122				

Comment Code

TR : Tree or limb

Inspector Comment

Tree limbs fallen on the landside toe should be removed.

No Photos

LM Start	**3.55**	Rating **	M	Issue No.	**134**
LM End	**3.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.255202 °	37.255202 °
				-120.773655 °	-120.773655 °
DWR ID	DWR_NA0010_05_f _ 2018_134				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are located within this section.

Photo 1 of 1 : SP_2020_NA0010_123_134_20200225_00037.jpg

Looking at typical rodent holes within this section. (Spring 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**3.68**	Rating **	M	Issue No.	**1319**
LM End	**3.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252308 °	37.252308 °
				-120.768038 °	-120.768038 °
DWR ID	19811				

Comment Code

Inspector Comment

DS_ID:19811
FS_ID:39586
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.67)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39586_61137.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**3.68**	Rating **	M	Issue No.	**1319 (cont)**
LM End	**3.68**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39586_61138.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**3.68**	Rating **	M	Issue No.	**1319 (cont)**
LM End	**3.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252308 °	37.252308 °
				-120.768038 °	-120.768038 °
DWR ID	19811				

Photo 3 of 3 : UCIP_SP_2020_39586_61136.jpg

Pipe and headwall on LS toe.

LM Start	**4.02**	Rating **	M	Issue No.	**1320**
LM End	**4.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248432 °	37.248432 °
				-120.764066 °	-120.764066 °
DWR ID	19769				

Comment Code

Inspector Comment

DS_ID:19769
FS_ID:39880
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.02)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39880_61142.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.02**	Rating **	M	Issue No.	**1320 (cont)**
LM End	**4.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248432 °	37.248432 °
				-120.764066 °	-120.764066 °
DWR ID	19769				

Photo 2 of 3 : UCIP_SP_2020_39880_61143.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**4.02**	Rating **	M	Issue No.	**1320 (cont)**
LM End	**4.02**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39880_61141.jpg

Pipe and headwall on LS toe.

LM Start	**4.25**	Rating **	M	Issue No.	**117**
LM End	**4.33**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.246217 °	37.245406 °
				-120.760963 °	-120.759946 °
DWR ID	DWR_NA0010_05_f _ 2017_117				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.27**	Rating **	M	Issue No.	**1321**
LM End	**4.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246008 °	37.246008 °
				-120.760706 °	-120.760706 °
DWR ID	19770				

Comment Code

Inspector Comment

DS_ID:19770
FS_ID:39588
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.27)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39588_61146.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**4.27**	Rating **	M	Issue No.	**1321 (cont)**
LM End	**4.27**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39588_61145.jpg

Pipe, headwall, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.27**	Rating **	M	Issue No.	**1321 (cont)**
LM End	**4.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246008 °	37.246008 °
				-120.760706 °	-120.760706 °
DWR ID	19770				

Photo 3 of 3 : UCIP_SP_2020_39588_61147.jpg

Concrete headwall and pipe on LS toe.

LM Start	**4.29**	Rating **	M	Issue No.	**195**
LM End	**5.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.245825 °	37.240252 °
				-120.760471 °	-120.742301 °
DWR ID	DWR_NA0010_05_s _ 2020_195				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**4.33**	Rating **	U	Issue No.	**131**
LM End	**4.33**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.245406 °	37.245406 °
				-120.759971 °	-120.759971 °
DWR ID	DWR_NA0010_05_f _ 2018_131				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several large rodent holes are located on both sides of levee.

Photo 1 of 1 : SP_2020_NA0010_123_131_20200225_00033.jpg

View of a large rodent hole in landward slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.46**	Rating **	M	Issue No.	**132**
LM End	**4.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.244183 °	37.244183 °
				-120.758121 °	-120.758121 °
DWR ID	DWR_NA0010_05_f _ 2018_132				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**4.55**	Rating **	M	Issue No.	**1322**
LM End	**4.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243668 °	37.243668 °
				-120.756812 °	-120.756812 °
DWR ID	19771				

Comment Code

Inspector Comment

DS_ID:19771
FS_ID:39589
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.54)].
FS Date: 4/16/2014 8:16:00 AM

Photo 1 of 3 : UCIP_SP_2020_39589_62081.jpg

Pipe, flapgate, and headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.55**	Rating **	M	Issue No.	**1322 (cont)**
LM End	**4.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243668 °	37.243668 °
				-120.756812 °	-120.756812 °
DWR ID	19771				

Photo 2 of 3 : UCIP_SP_2020_39589_62083.jpg

Pipe, flapgate, and headwall on WS toe.

LM Start	**4.55**	Rating **	M	Issue No.	**1322 (cont)**
LM End	**4.55**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39589_62082.jpg

Pipe and headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.89**	Rating **	M	Issue No.	**1323**
LM End	**4.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240978 °	37.240978 °
				-120.751613 °	-120.751613 °
DWR ID	19772				

Comment Code

Inspector Comment

DS_ID:19772
FS_ID:39590
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.89)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39590_62087.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**4.89**	Rating **	M	Issue No.	**1323 (cont)**
LM End	**4.89**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39590_62088.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**4.89**	Rating **	M	Issue No.	**1323 (cont)**
LM End	**4.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240978 °	37.240978 °
				-120.751613 °	-120.751613 °
DWR ID	19772				

Photo 3 of 3 : UCIP_SP_2020_39590_62086.jpg

Headwall and pipe on LS toe.

LM Start	**5.15**	Rating **	M	Issue No.	**1324**
LM End	**5.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240607 °	37.240607 °
				-120.746916 °	-120.746916 °
DWR ID	19773				

Comment Code

Inspector Comment

DS_ID:19773
FS_ID:39591
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Heavy sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.15)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39591_62091.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**5.15**	Rating **	M	Issue No.	**1324 (cont)**
LM End	**5.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.240607 °	37.240607 °
				-120.746916 °	-120.746916 °
DWR ID	19773				

Photo 2 of 3 : UCIP_SP_2020_39591_62093.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**5.15**	Rating **	M	Issue No.	**1324 (cont)**
LM End	**5.15**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39591_62092.jpg

Headwall and pipe on LS toe.

LM Start	**5.41**	Rating **	U	Issue No.	**196**
LM End	**8.09**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.240253 °	37.213570 °
				-120.742301 °	-120.706554 °
DWR ID	DWR_NA0010_05_s _ 2020_196				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_196_20200507_00346.jpg

View of the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**5.50**	Rating **	M	Issue No.	**197**
LM End	**6.32**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.239708 °	37.232897 °
				-120.740772 °	-120.729075 °
DWR ID	DWR_NA0010_05_s _ 2020_197				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**5.58**	Rating **	A/W	Issue No.	**1325**
LM End	**5.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °
				-120.739719 °	-120.739719 °
DWR ID	19774				

Comment Code

Inspector Comment

DS_ID:19774
FS_ID:34151
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.58)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_34151_62096.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**5.58**	Rating **	A/W	Issue No.	**1325 (cont)**
LM End	**5.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238879 °	37.238879 °
				-120.739719 °	-120.739719 °
DWR ID	19774				

Photo 2 of 3 : UCIP_SP_2020_34151_62095.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**5.58**	Rating **	A/W	Issue No.	**1325 (cont)**
LM End	**5.58**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34151_62097.jpg

Headwall and pipe on LS toe with HDPE drain pipe being installed off LS toe.

LM Start	**5.94**	Rating **	U	Issue No.	**138**
LM End	**5.94**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236387 °	37.236387 °
				-120.734164 °	-120.734164 °
DWR ID	DWR_NA0010_05_f _ 2018_138				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several large rodent holes are located at this location.

Photo 1 of 1 : SP_2020_NA0010_123_138_20200225_00038.jpg

View of large rodent holes in landside slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**5.99**	Rating **	M	Issue No.	**116**
LM End	**6.40**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236236 °	37.231945 °
				-120.733344 °	-120.728323 °
DWR ID	DWR_NA0010_05_f _ 2017_116				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Rodent holes on both sides of the levee.

No Photos

LM Start	**6.32**	Rating **	U	Issue No.	**198**
LM End	**7.77**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.232897 °	37.216634 °
				-120.729075 °	-120.710815 °
DWR ID	DWR_NA0010_05_s _ 2020_198				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_198_20200507_00347.jpg

Looking upstream along the waterside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**6.35**	Rating **	A/W	Issue No.	**1326**
LM End	**6.35**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232589 °	37.232589 °
				-120.728822 °	-120.728822 °
DWR ID	19775				

Comment Code

Inspector Comment

DS_ID:19775
FS_ID:34163
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.35)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_34163_62102.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**6.35**	Rating **	A/W	Issue No.	**1326 (cont)**
LM End	**6.35**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34163_62101.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**6.35**	Rating **	A/W	Issue No.	**1326 (cont)**
LM End	**6.35**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.232589 °	37.232589 °
				-120.728822 °	-120.728822 °
DWR ID	19775				

Photo 3 of 3 : UCIP_SP_2020_34163_62100.jpg

Headwall and pipe on LS toe.

LM Start	**6.40**	Rating **	M	Issue No.	**139**
LM End	**6.40**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231900 °	37.231900 °
				-120.728345 °	-120.728345 °
DWR ID	DWR_NA0010_05_f _ 2018_139				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_139_20200225_00040.jpg

View of rodent holes on landside shoulder. (Fall 2018)

LM Start	**6.45**	Rating **	M	Issue No.	**136**
LM End	**6.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.231316 °	37.231316 °
				-120.727875 °	-120.727875 °
DWR ID	DWR_NA0010_05_f _ 2019_136				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**6.52**	Rating **	M	Issue No.	**15**
LM End	**6.52**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230497 °	37.230497 °
				-120.727263 °	-120.727263 °
DWR ID	DWR_NA0010_05_s _ 2012_15				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**6.56**	Rating **	M	Issue No.	**140**
LM End	**6.56**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230013 °	37.230013 °
				-120.726832 °	-120.726832 °
DWR ID	DWR_NA0010_05_f _ 2018_140				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is erosion on the landward slope near the gate.

Photo 1 of 1 : SP_2020_NA0010_123_140_20200225_00042.jpg

Erosion on landward slope caused by foot traffic. (Fall 2018)

LM Start	**6.59**	Rating **	M	Issue No.	**1309**
LM End	**6.59**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.229682 °	37.229682 °
				-120.726305 °	-120.726305 °
DWR ID	DWR_NA0010_05_s _ 2015_1309				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

The landside slope has damage caused by animal foot traffic.

Photo 1 of 1 : SP_2020_NA0010_123_1309_20200225_00074.jpg

Looking upstream at damaged landside slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**6.70**	Rating **	M	Issue No.	**115**
LM End	**6.70**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.228861 °	37.228861 °
				-120.724579 °	-120.724579 °
DWR ID	DWR_NA0010_05_f _ 2017_115				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are several squirrels active around the gate on both the land and water side.

No Photos

LM Start	**7.36**	Rating **	M	Issue No.	**1327**
LM End	**7.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224560 °	37.224560 °
				-120.714057 °	-120.714057 °
DWR ID	19761				

Comment Code

Inspector Comment

DS_ID:19761
FS_ID:39592
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.36)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_39592_62111.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**7.36**	Rating **	M	Issue No.	**1327 (cont)**
LM End	**7.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.224560 °	37.224560 °
				-120.714057 °	-120.714057 °
DWR ID	19761				

Photo 2 of 3 : UCIP_SP_2020_39592_62113.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**7.36**	Rating **	M	Issue No.	**1327 (cont)**
LM End	**7.36**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39592_62112.jpg

Headwall and pipe on LS toe.

LM Start	**7.59**	Rating **	M	Issue No.	**141**
LM End	**7.59**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.221303 °	37.221303 °
				-120.713707 °	-120.713707 °
DWR ID	DWR_NA0010_05_f _ 2018_141				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**7.68**	Rating **	A/W	Issue No.	**1329**
LM End	**7.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.217839 °	37.217839 °
				-120.711462 °	-120.711462 °
DWR ID	19844				

No Photos

Comment Code

Inspector Comment

DS_ID:19844
FS_ID:34254
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 08/01/2018 USACE O&M manual has pipe listed under Unit 10 HLM 0.02, however, based on the current levee alignment pipe is located under Unit 5 CLM 7.68. Discrepancy in pipe O&M reference is based on reference between Historic Levee Alignment and Current Levee Alignment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as Unit 10 HLM 0.02 located in Unit 5 CLM 7.68)].
FS Date: 4/22/2014

LM Start	**7.77**	Rating **	M	Issue No.	**199**
LM End	**8.09**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.216576 °	37.213570 °
				-120.710777 °	-120.706554 °
DWR ID	DWR_NA0010_05_s _ 2020_199				

No Photos

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**8.09**	Rating **	M	Issue No.	**104**
LM End	**8.09**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.213580 °	37.213580 °
				-120.706550 °	-120.706550 °
DWR ID	DWR_NA0010_05_s _ 2017_104				

Comment Code

Inspector Comment

The gate is not opening correctly due to a bent fence post.

Photo 1 of 1 : SP_2020_NA0010_123_104_20200507_00348.jpg

Gate is broken near the hinge. (Spring 2020)

LM Start	**8.46**	Rating **	M	Issue No.	**1330**
LM End	**8.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.209606 °	37.209606 °
				-120.702069 °	-120.702069 °
DWR ID	19763				

Comment Code

Inspector Comment

DS_ID:19763
FS_ID:34265
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Pipe filled with silt on LS toe and should be cleared. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.44)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34265_62182.jpg

Headwall, flapgate, and pipe on WS toe

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**8.46**	Rating **	M	Issue No.	**1330 (cont)**
LM End	**8.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.209606 °	37.209606 °
				-120.702069 °	-120.702069 °
DWR ID	19763				

Photo 2 of 3 : UCIP_SP_2020_34265_62183.jpg

Headwall, flapgate, and pipe on WS toe

LM Start	**8.46**	Rating **	M	Issue No.	**1330 (cont)**
LM End	**8.46**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34265_62181.jpg

Headwall, slidegate, and pipe on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**9.28**	Rating **	A/W	Issue No.	**1331**
LM End	**9.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202742 °	37.202742 °
				-120.690064 °	-120.690064 °
DWR ID	19766				

Comment Code

Inspector Comment

DS_ID:19766
FS_ID:34272
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.26)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34272_62196.jpg

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

LM Start	**9.28**	Rating **	A/W	Issue No.	**1331 (cont)**
LM End	**9.28**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34272_62198.jpg

Headwall and pipe at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**9.28**	Rating **	A/W	Issue No.	**1331 (cont)**
LM End	**9.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202742 °	37.202742 °
				-120.690064 °	-120.690064 °
DWR ID	19766				

Photo 3 of 3 : UCIP_SP_2020_34272_62197.jpg

Headwall and pipe at LS toe.

LM Start	**9.51**	Rating **	U	Issue No.	**200**
LM End	**10.33**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200555 °	37.191923 °
				-120.686897 °	-120.676784 °
DWR ID	DWR_NA0010_05_s _ 2020_200				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_200_20200507_00349.jpg

View of vegetation along the landside slope. (Spring 2020)

LM Start	**9.51**	Rating **	M	Issue No.	**201**
LM End	**10.33**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200554 °	37.191923 °
				-120.686897 °	-120.676784 °
DWR ID	DWR_NA0010_05_s _ 2020_201				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_201_20200507_00350.jpg

Looking upstream along the waterside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**10.06**	Rating **	M	Issue No.	**1332**
LM End	**10.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194736 °	37.194736 °
				-120.680116 °	-120.680116 °
DWR ID	19767				

Comment Code

Inspector Comment

DS_ID:19767
FS_ID:34273
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Slidegate actuator appears bent and may not work properly (WS slope). (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 10.05)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34273_62201.jpg

Slidegate in CMP riser on WS slope.

LM Start	**10.06**	Rating **	M	Issue No.	**1332 (cont)**
LM End	**10.06**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34273_62202.jpg

Concrete headwall and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**10.06**	Rating **	M	Issue No.	**1332 (cont)**
LM End	**10.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.194736 °	37.194736 °
				-120.680116 °	-120.680116 °
DWR ID	19767				

Photo 3 of 3 : UCIP_SP_2020_34273_62200.jpg

Concrete headwall and pipe on LS toe.

LM Start	**10.33**	Rating **	M	Issue No.	**202**
LM End	**10.80**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.191923 °	37.190287 °
				-120.676784 °	-120.668640 °
DWR ID	DWR_NA0010_05_s _ 2020_202				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**10.66**	Rating **	M	Issue No.	**142**
LM End	**10.66**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.190286 °	37.190286 °
				-120.671207 °	-120.671207 °
DWR ID	DWR_NA0010_05_f _ 2018_142				

Comment Code

TR : Tree or limb

Inspector Comment

A fallen tree is located on the landside toe and slope.

Photo 1 of 1 : SP_2020_NA0010_123_142_20200225_00043.jpg

Fallen tree on landside toe and slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**10.79**	Rating **	M	Issue No.	**203**
LM End	**10.79**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.190285 °	37.190285 °
				-120.668869 °	-120.668869 °
DWR ID	DWR_NA0010_05_s _ 2020_203				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**11.37**	Rating **	M	Issue No.	**144**
LM End	**11.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187792 °	37.187792 °
				-120.659454 °	-120.659454 °
DWR ID	DWR_NA0010_05_f _ 2018_144				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Tree limbs on the levee slope should be trimmed to allow access.

Photo 1 of 1 : SP_2020_NA0010_123_144_20200507_00351.jpg

View of tree limbs on levee slope. (Spring 2020)

LM Start	**11.41**	Rating **	M	Issue No.	**145**
LM End	**11.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187404 °	37.187404 °
				-120.659005 °	-120.659005 °
DWR ID	DWR_NA0010_05_f _ 2018_145				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

A fallen tree trunk is located on the levee toe.

Photo 1 of 1 : SP_2020_NA0010_123_145_20200225_00045.jpg

Fallen tree on levee toe. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.44**	Rating **	M	Issue No.	**146**
LM End	**11.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.187021 °	37.187021 °
				-120.658564 °	-120.658564 °
DWR ID	DWR_NA0010_05_f _ 2018_146				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Fallen tree limbs are located on the levee toe.

Photo 1 of 1 : SP_2020_NA0010_123_146_20200507_00352.jpg

Tree limbs and trunk on levee toe. (Spring 2020)

LM Start	**11.49**	Rating **	A/W	Issue No.	**1333**
LM End	**11.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186471 °	37.186471 °
				-120.657915 °	-120.657915 °
DWR ID	19768				

Comment Code

Inspector Comment

DS_ID:19768
FS_ID:34281
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [Deadman Drainage Structure] 1 of 2: 48-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.48)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34281_62219.jpg

Slidegate in CMP riser, concrete headwall and pipe visible on WS slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.49**	Rating **	A/W	Issue No.	**1333 (cont)**
LM End	**11.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186471 °	37.186471 °
				-120.657915 °	-120.657915 °
DWR ID	19768				

Photo 2 of 3 : UCIP_SP_2020_34281_62217.jpg

Stairs, concrete headwall, and pipe visible on LS slope.

LM Start	**11.49**	Rating **	A/W	Issue No.	**1333 (cont)**
LM End	**11.49**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34281_62218.jpg

Inside pipe at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.50**	Rating **	A/W	Issue No.	**1334**
LM End	**11.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186458 °	37.186458 °
				-120.657903 °	-120.657903 °
DWR ID	19734				

Comment Code

Inspector Comment

DS_ID:19734
FS_ID:34280
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [Deadman Drainage Structure] 2 of 2: 48-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. Stairs on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.48)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34280_62216.jpg

Concrete headwall, pipe, and slidegate in CMP riser on WS of levee.

LM Start	**11.50**	Rating **	A/W	Issue No.	**1334 (cont)**
LM End	**11.50**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34280_62214.jpg

Stairs, concrete headwall and pipe on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

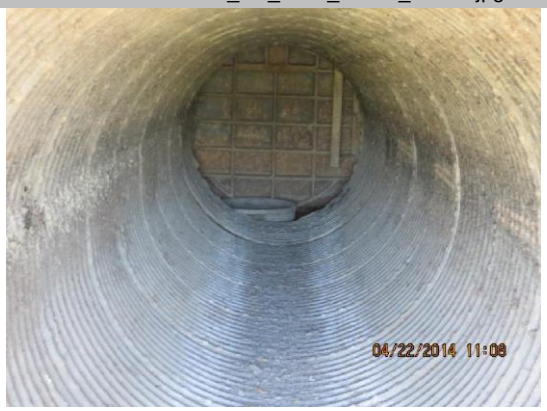
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.50**	Rating **	A/W	Issue No.	**1334 (cont)**
LM End	**11.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.186458 °	37.186458 °
				-120.657903 °	-120.657903 °
DWR ID	19734				

Photo 3 of 3 : UCIP_SP_2020_34280_62215.jpg



Inside pipe on WS toe.

LM Start	**11.54**	Rating **	U	Issue No.	**204**
LM End	**13.74**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.185926 °	37.167963 °
				-120.657317 °	-120.629655 °
DWR ID	DWR_NA0010_05_s _ 2020_204				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_204_20200507_00354.jpg

View of vegetation on the landside slope. (Spring 2020)

LM Start	**11.61**	Rating **	M	Issue No.	**205**
LM End	**12.45**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.185277 °	37.175825 °
				-120.656550 °	-120.648766 °
DWR ID	DWR_NA0010_05_s _ 2020_205				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.61**	Rating **	M	Issue No.	**206**
LM End	**11.83**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.185238 °	37.182889 °
				-120.656505 °	-120.653842 °
DWR ID	DWR_NA0010_05_s _ 2020_206				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	**11.65**	Rating **	A/W	Issue No.	**1335**
LM End	**11.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.184830 °	37.184830 °
				-120.656016 °	-120.656016 °
DWR ID	19704				

Comment Code

Inspector Comment

DS_ID:19704
FS_ID:34283
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.63)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34283_62221.jpg

Headwall, flapgate, and pipe at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**11.65**	Rating **	A/W	Issue No.	**1335 (cont)**
LM End	**11.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.184830 °	37.184830 °
				-120.656016 °	-120.656016 °
DWR ID	19704				

Photo 2 of 3 : UCIP_SP_2020_34283_62223.jpg

Headwall, flapgate, and pipe at WS toe.

LM Start	**11.65**	Rating **	A/W	Issue No.	**1335 (cont)**
LM End	**11.65**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34283_62222.jpg

Concrete headwall and pipe at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.01**	Rating **	A/W	Issue No.	**1336**
LM End	**12.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.180291 °	37.180291 °
				-120.653931 °	-120.653931 °
DWR ID	19705				

Comment Code

Inspector Comment

DS_ID:19705
FS_ID:34284
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the waterside (WS) end. Flashboard attachment on the LS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.99)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34284_62225.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**12.01**	Rating **	A/W	Issue No.	**1336 (cont)**
LM End	**12.01**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34284_62227.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.01**	Rating **	A/W	Issue No.	**1336 (cont)**
LM End	**12.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.180291 °	37.180291 °
				-120.653931 °	-120.653931 °
DWR ID	19705				

Photo 3 of 3 : UCIP_SP_2020_34284_62226.jpg

Headwall and pipe on LS toe.

LM Start	**12.40**	Rating **	A/W	Issue No.	**1337**
LM End	**12.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175958 °	37.175958 °
				-120.649798 °	-120.649798 °
DWR ID	19706				

Comment Code

Inspector Comment

DS_ID:19706
FS_ID:34285
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. Flashboard attachment on the LS end. Pipe crosses levee at 45 degrees to crown alignment. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 12.38)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34285_62230.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.40**	Rating **	A/W	Issue No.	**1337 (cont)**
LM End	**12.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175958 °	37.175958 °
				-120.649798 °	-120.649798 °
DWR ID	19706				

Photo 2 of 3 : UCIP_SP_2020_34285_62229.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**12.40**	Rating **	A/W	Issue No.	**1337 (cont)**
LM End	**12.40**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34285_62231.jpg

Headwall and pipe on LS toe.

LM Start	**12.63**	Rating **	M	Issue No.	**207**
LM End	**12.96**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.175821 °	37.175720 °
				-120.645619 °	-120.639568 °
DWR ID	DWR_NA0010_05_s _ 2020_207				

Comment Code
V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.67**	Rating **	M	Issue No.	**208**
LM End	**12.80**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.175813 °	37.175805 °
				-120.644782 °	-120.642506 °
DWR ID	DWR_NA0010_05_s _ 2020_208				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**12.73**	Rating **	C	Issue No.	**105**
LM End	**13.31**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.175815 °	37.172750 °
				-120.643758 °	-120.634767 °
DWR ID	DWR_NA0010_05_s _ 2017_105				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

LM Start	**12.81**	Rating **	C	Issue No.	**108**
LM End	**12.81**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175793 °	37.175793 °
				-120.642227 °	-120.642227 °
DWR ID	DWR_NA0010_05_s _ 2017_108				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.85**	Rating **	C	Issue No.	**151**
LM End	**12.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175799 °	37.175799 °
				-120.641595 °	-120.641595 °
DWR ID	DWR_NA0010_05_f _ 2018_151				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

LM Start	**12.88**	Rating **	M	Issue No.	**158**
LM End	**12.88**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175807 °	37.175807 °
				-120.641139 °	-120.641139 °
DWR ID	DWR_NA0010_05_f _ 2019_158				

Comment Code

TR : Tree or limb

Inspector Comment

Tree limb on the landside slope should be removed.

Photo 1 of 1 : SP_2020_NA0010_123_158_20200225_00055.jpg

View of downed tree limb on the landside slope. (Fall 2019)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.89**	Rating **	M	Issue No.	**1338**
LM End	**12.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175816 °	37.175816 °
				-120.640865 °	-120.640865 °
DWR ID	19707				

Comment Code

Inspector Comment

DS_ID:19707
FS_ID:39593
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Concrete headwall on the landside (LS) end with flashboards. Concrete saddle and apron on the waterside (WS) end with a flap gate. Metal screen at LS toe inlet. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 12.87)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_39593_62240.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**12.89**	Rating **	M	Issue No.	**1338 (cont)**
LM End	**12.89**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39593_62241.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**12.89**	Rating **	M	Issue No.	**1338 (cont)**
LM End	**12.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.175816 °	37.175816 °
				-120.640865 °	-120.640865 °
DWR ID	19707				

Photo 3 of 3 : UCIP_SP_2020_39593_62239.jpg

Headwall and pipe on LS toe.

LM Start	**12.93**	Rating **	C	Issue No.	**109**
LM End	**12.93**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175780 °	37.175780 °
				-120.640195 °	-120.640195 °
DWR ID	DWR_NA0010_05_s _ 2017_109				

Comment Code

TR : Tree or limb

Inspector Comment

A fallen tree is located on the landside toe.

No Photos

LM Start	**13.01**	Rating **	M	Issue No.	**2**
LM End	**13.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175576 °	37.175576 °
				-120.638755 °	-120.638755 °
DWR ID	DWR_NA0010_05_s _ 2016_2				

Comment Code

TR : Tree or limb

Inspector Comment

There is a downed tree on landside toe.

Photo 1 of 1 : SP_2020_NA0010_123_2_20200225_00004.jpg

Looking west at down tree at landward toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.05**	Rating **	M	Issue No.	**150**
LM End	**13.05**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.175314 °	37.175314 °
				-120.638034 °	-120.638034 °
DWR ID	DWR_NA0010_05_f _ 2018_150				

Comment Code

TR : Tree or limb

Inspector Comment

There are tree trimmings on the levee slope and toe.

Photo 1 of 1 : SP_2020_NA0010_123_150_20200225_00049.jpg

Tree trimmings on landside slope and toe. (Fall 2018)

LM Start	**13.15**	Rating **	M	Issue No.	**152**
LM End	**13.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.174444 °	37.174444 °
				-120.636589 °	-120.636589 °
DWR ID	DWR_NA0010_05_f _ 2018_152				

Comment Code

TR : Tree or limb

Inspector Comment

There is a tree trunk on landside toe.

Photo 1 of 1 : SP_2020_NA0010_123_152_20200225_00051.jpg

Tree trunk on landside toe. (Fall 2018)

LM Start	**13.27**	Rating **	M	Issue No.	**181**
LM End	**13.27**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.173096 °	37.173096 °
				-120.635130 °	-120.635130 °
DWR ID	DWR_NA0010_05_s _ 2019_181				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.42**	Rating **	M	Issue No.	**1339**
LM End	**13.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °
				-120.633442 °	-120.633442 °
DWR ID	19708				

Comment Code

Inspector Comment

DS_ID:19708
FS_ID:34288
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Some erosion around headwall on the WS toe and there are animal burrows on both slopes. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Flashboard attachment in concrete U-shaped headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.40)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34288_62244.jpg

Headwall and pipe on LS toe.

LM Start	**13.42**	Rating **	M	Issue No.	**1339 (cont)**
LM End	**13.42**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34288_62243.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

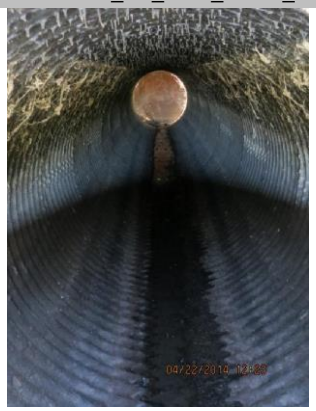
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.42**	Rating **	M	Issue No.	**1339 (cont)**
LM End	**13.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171523 °	37.171523 °
				-120.633442 °	-120.633442 °
DWR ID	19708				

Photo 3 of 3 : UCIP_SP_2020_34288_62242.jpg



Headwall, flapgate, and pipe on WS toe.

LM Start	**13.43**	Rating **	M	Issue No.	**137**
LM End	**13.59**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.171410 °	37.169577 °
				-120.633333 °	-120.631392 °
DWR ID	DWR_NA0010_05_s _ 2018_137				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**13.44**	Rating **	M	Issue No.	**209**
LM End	**13.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.171249 °	37.171249 °
				-120.633157 °	-120.633157 °
DWR ID	DWR_NA0010_05_s _ 2020_209				

Comment Code

TR : Tree or limb

Inspector Comment

Dead tree should be removed before it can damage the levee.

Photo 1 of 1 : SP_2020_NA0010_123_209_20200507_00356.jpg

Dead tree falling over on the landside toe. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.49**	Rating **	M	Issue No.	**210**
LM End	**13.70**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.170737 °	37.168438 °
				-120.632616 °	-120.630160 °
DWR ID	DWR_NA0010_05_s _ 2020_210				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	**13.72**	Rating **	M	Issue No.	**1340**
LM End	**13.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.168202 °	37.168202 °
				-120.629886 °	-120.629886 °
DWR ID	19709				

Comment Code

Inspector Comment

DS_ID:19709
FS_ID:34824
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Pipe not visible and may need to have silt removed from outlet on WS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Slide gate on concrete headwall at the landside (LS) toe. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (recorded as HLM 14.72 should be 13.72)].
FS Date: 4/22/2014

Photo 1 of 2 : UCIP_SP_2020_34824_62624.jpg

Slide gate at concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.72**	Rating **	M	Issue No.	**1340 (cont)**
LM End	**13.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.168202 °	37.168202 °
				-120.629886 °	-120.629886 °
DWR ID	19709				

Photo 2 of 2 : UCIP_SP_2020_34824_62623.jpg

Walkway to gatevalve on LS shoulder.

LM Start	**13.85**	Rating **	A/W	Issue No.	**1341**
LM End	**13.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.166760 °	37.166760 °
				-120.628304 °	-120.628304 °
DWR ID	19710				

Comment Code

Inspector Comment

DS_ID:19710
FS_ID:34657
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.83)].
FS Date: 4/23/2014 4:17:00 PM

Photo 1 of 3 : UCIP_SP_2020_34657_62450.jpg

Headwall, flapgate, and pipe on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**13.85**	Rating **	A/W	Issue No.	**1341 (cont)**
LM End	**13.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.166760 °	37.166760 °
				-120.628304 °	-120.628304 °
DWR ID	19710				

Photo 2 of 3 : UCIP_SP_2020_34657_62448.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**13.85**	Rating **	A/W	Issue No.	**1341 (cont)**
LM End	**13.85**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34657_62449.jpg

Concrete wier intake structure and pipe at LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**14.46**	Rating **	A/W	Issue No.	**1342**
LM End	**14.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °
				-120.618571 °	-120.618571 °
DWR ID	19711				

Comment Code

Inspector Comment

DS_ID:19711
FS_ID:34656
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Concrete weir inlet structure on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 14.44)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34656_62446.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**14.46**	Rating **	A/W	Issue No.	**1342 (cont)**
LM End	**14.46**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34656_62447.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**14.46**	Rating **	A/W	Issue No.	**1342 (cont)**
LM End	**14.46**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.162722 °	37.162722 °
				-120.618571 °	-120.618571 °
DWR ID	19711				

Photo 3 of 3 : UCIP_SP_2020_34656_62445.jpg

Concrete weir inlet at LS toe.

LM Start	**15.11**	Rating **	M	Issue No.	**1343**
LM End	**15.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °
				-120.609513 °	-120.609513 °
DWR ID	19712				

Comment Code

Inspector Comment

DS_ID:19712
FS_ID:34664
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Minor erosion at headwall on WS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 11.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.09)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34664_62454.jpg

Headwall and inlet on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**15.11**	Rating **	M	Issue No.	**1343 (cont)**
LM End	**15.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156805 °	37.156805 °
				-120.609513 °	-120.609513 °
DWR ID	19712				

Photo 2 of 3 : UCIP_SP_2020_34664_62453.jpg

Headwall and inlet on LS toe.

LM Start	**15.11**	Rating **	M	Issue No.	**1343 (cont)**
LM End	**15.11**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34664_62452.jpg

Inside pipe at LS toe.

LM Start	**15.12**	Rating **	U	Issue No.	**211**
LM End	**16.00**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.156714 °	37.147266 °
				-120.609365 °	-120.598772 °
DWR ID	DWR_NA0010_05_s _ 2020_211				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_211_20200507_00357.jpg

Looking upstream along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**15.12**	Rating **	M	Issue No.	**212**
LM End	**18.24**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.156713 °	37.118442 °
				-120.609365 °	-120.580727 °
DWR ID	DWR_NA0010_05_s _ 2020_212				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**15.31**	Rating **	M	Issue No.	**213**
LM End	**15.31**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.154837 °	37.154837 °
				-120.606737 °	-120.606737 °
DWR ID	DWR_NA0010_05_s _ 2020_213				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_213_20200507_00358.jpg

View of erosion in the waterside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**15.76**	Rating **	M	Issue No.	**1344**
LM End	**15.76**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.150012 °	37.150012 °
				-120.601330 °	-120.601330 °
DWR ID	19713				

Comment Code

Inspector Comment

DS_ID:19713
FS_ID:39595
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.74)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39595_62459.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**15.76**	Rating **	M	Issue No.	**1344 (cont)**
LM End	**15.76**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39595_62456.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**15.76**	Rating **	M	Issue No.	**1344 (cont)**
LM End	**15.76**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.150012 °	37.150012 °
				-120.601330 °	-120.601330 °
DWR ID	19713				

Photo 3 of 3 : UCIP_SP_2020_39595_62458.jpg

Headwall and pipe at LS toe.

LM Start	**15.81**	Rating **	M	Issue No.	**1345**
LM End	**15.81**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.149381 °	37.149381 °
				-120.600761 °	-120.600761 °
DWR ID	19715				

Comment Code

Inspector Comment

DS_ID:19715
FS_ID:39596
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Excess vegetation at inlet on LS toe should be cleared. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.80)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39596_62464.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**15.81**	Rating **	M	Issue No.	**1345 (cont)**
LM End	**15.81**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.149381 °	37.149381 °
				-120.600761 °	-120.600761 °
DWR ID	19715				

Photo 2 of 3 : UCIP_SP_2020_39596_62467.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**15.81**	Rating **	M	Issue No.	**1345 (cont)**
LM End	**15.81**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39596_62466.jpg

Headwall and pipe visible at LS toe.

LM Start	**15.90**	Rating **	M	Issue No.	**214**
LM End	**16.48**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.148434 °	37.141434 °
				-120.599863 °	-120.594082 °
DWR ID	DWR_NA0010_05_s _ 2020_214				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**16.00**	Rating **	M	Issue No.	**215**
LM End	**16.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.147266 °	37.137767 °
				-120.598772 °	-120.591536 °
DWR ID	DWR_NA0010_05_s _ 2020_215				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**16.09**	Rating **	M	Issue No.	**1**
LM End	**16.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.145965 °	37.145965 °
				-120.597597 °	-120.597597 °
DWR ID	NA0010U05RM13.85				

Comment Code

Inspector Comment

Site ID: NA0010U05RM13.85
09/10/2019: The erosion has become worse during the past 2 flood seasons. The erosion length has increased to approximately 200 ft from 55 ft. Signs of animal activity were observed.
09/20/2017: The erosion was discovered during spring levee inspection. The site is covered by dense vegetation and the measurements of the erosion are estimated.

Photo 1 of 1 : SP_2020_NA0010_123_1_20200225_00002.jpg

Close-up view of the erosion.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**16.62**	Rating **	M	Issue No.	**159**
LM End	**16.62**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.139625 °	37.139625 °
				-120.592923 °	-120.592923 °
DWR ID	DWR_NA0010_05_f _ 2019_159				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**16.68**	Rating **	M	Issue No.	**1346**
LM End	**16.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.138760 °	37.138760 °
				-120.592393 °	-120.592393 °
DWR ID	19716				

Comment Code

Inspector Comment

DS_ID:19716
FS_ID:34725
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Pipe heavily silted on LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 16.67)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34725_62469.jpg

Headwall, flapgate, and pipe visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**16.68**	Rating **	M	Issue No.	**1346 (cont)**
LM End	**16.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.138760 °	37.138760 °
				-120.592393 °	-120.592393 °
DWR ID	19716				

Photo 2 of 3 : UCIP_SP_2020_34725_62471.jpg

Headwall, flapgate, and pipe visible on WS toe.

LM Start	**16.68**	Rating **	M	Issue No.	**1346 (cont)**
LM End	**16.68**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34725_62470.jpg

Concrete headwall and pipe visible on LS toe.

LM Start	**16.77**	Rating **	U	Issue No.	**216**
LM End	**17.43**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.137766 °	37.129337 °
				-120.591536 °	-120.585879 °
DWR ID	DWR_NA0010_05_s _ 2020_216				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_216_20200507_00359.jpg

View of vegetation growing on the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**17.22**	Rating **	M	Issue No.	**1347**
LM End	**17.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.132211 °	37.132211 °
				-120.587106 °	-120.587106 °
DWR ID	19717				

Comment Code

Inspector Comment

DS_ID:19717
FS_ID:39597
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.20)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39597_62481.jpg

Headwall, flapgate, and pipe visible on WS toe.

LM Start	**17.22**	Rating **	M	Issue No.	**1347 (cont)**
LM End	**17.22**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39597_62483.jpg

Headwall, flapgate, and pipe visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**17.22**	Rating **	M	Issue No.	**1347 (cont)**
LM End	**17.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.132211 °	37.132211 °
				-120.587106 °	-120.587106 °
DWR ID	19717				

Photo 3 of 3 : UCIP_SP_2020_39597_62482.jpg

Headwall and pipe visible on LS toe.

LM Start	**17.44**	Rating **	M	Issue No.	**217**
LM End	**17.72**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.129253 °	37.125429 °
				-120.585845 °	-120.584216 °
DWR ID	DWR_NA0010_05_s _ 2020_217				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**17.54**	Rating **	M	Issue No.	**1348**
LM End	**17.54**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127843 °	37.127843 °
				-120.585245 °	-120.585245 °
DWR ID	19743				

Comment Code

Inspector Comment

DS_ID:19743
FS_ID:39599
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 17.52)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39599_62485.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**17.54**	Rating **	M	Issue No.	**1348 (cont)**
LM End	**17.54**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39599_62486.jpg

Pipe and headwall visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**17.54**	Rating **	M	Issue No.	**1348 (cont)**
LM End	**17.54**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127843 °	37.127843 °
				-120.585245 °	-120.585245 °
DWR ID	19743				

Photo 3 of 3 : UCIP_SP_2020_39599_62488.jpg

Inside pipe on LS toe.

LM Start	**17.72**	Rating **	U	Issue No.	**218**
LM End	**19.56**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.125360 °	37.112598 °
				-120.584189 °	-120.559427 °
DWR ID	DWR_NA0010_05_s _ 2020_218				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_218_20200507_00360.jpg

View of the landside slope looking upstream. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**18.09**	Rating **	M	Issue No.	**1349**
LM End	**18.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.120309 °	37.120309 °
				-120.582041 °	-120.582041 °
DWR ID	19745				

Comment Code

Inspector Comment

DS_ID:19745
FS_ID:34747
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Animal burrows in levee on both slopes. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.07)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34747_62494.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**18.09**	Rating **	M	Issue No.	**1349 (cont)**
LM End	**18.09**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34747_62495.jpg

Headwall, pipe, and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**18.09**	Rating **	M	Issue No.	**1349 (cont)**
LM End	**18.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.120309 °	37.120309 °
				-120.582041 °	-120.582041 °
DWR ID	19745				

Photo 3 of 3 : UCIP_SP_2020_34747_62493.jpg

Headwall and pipe visible on LS toe.

LM Start	**18.70**	Rating **	M	Issue No.	**1350**
LM End	**18.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115472 °	37.115472 °
				-120.573628 °	-120.573628 °
DWR ID	19746				

Comment Code

Inspector Comment

DS_ID:19746
FS_ID:39600
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.68)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39600_62499.jpg

Headwall, pipe and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**18.70**	Rating **	M	Issue No.	**1350 (cont)**
LM End	**18.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115472 °	37.115472 °
				-120.573628 °	-120.573628 °
DWR ID	19746				

Photo 2 of 3 : UCIP_SP_2020_39600_62498.jpg

Headwall, pipe and flapgate visible on WS toe.

LM Start	**18.70**	Rating **	M	Issue No.	**1350 (cont)**
LM End	**18.70**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39600_62500.jpg

Headwall and pipe on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.15**	Rating **	M	Issue No.	**1351**
LM End	**19.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115466 °	37.115466 °
				-120.565467 °	-120.565467 °
DWR ID	19747				

Comment Code

Inspector Comment

DS_ID:19747
FS_ID:39601
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.11)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39601_62504.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**19.15**	Rating **	M	Issue No.	**1351 (cont)**
LM End	**19.15**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39601_62506.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.15**	Rating **	M	Issue No.	**1351 (cont)**
LM End	**19.15**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115466 °	37.115466 °
				-120.565467 °	-120.565467 °
DWR ID	19747				

Photo 3 of 3 : UCIP_SP_2020_39601_62505.jpg

Headwall and pipe visible on LS toe.

LM Start	**19.17**	Rating **	A/W	Issue No.	**1352**
LM End	**19.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115463 °	37.115463 °
				-120.565086 °	-120.565086 °
DWR ID	19776				

Comment Code

Inspector Comment

DS_ID:19776
FS_ID:34751
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.15)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34751_62509.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.17**	Rating **	A/W	Issue No.	**1352 (cont)**
LM End	**19.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.115463 °	37.115463 °
				-120.565086 °	-120.565086 °
DWR ID	19776				

Photo 2 of 3 : UCIP_SP_2020_34751_62511.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**19.17**	Rating **	A/W	Issue No.	**1352 (cont)**
LM End	**19.17**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34751_62510.jpg

Headwall and pipe visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.48**	Rating **	M	Issue No.	**1353**
LM End	**19.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113542 °	37.113542 °
				-120.560389 °	-120.560389 °
DWR ID	19777				

Comment Code

Inspector Comment

DS_ID:19777
FS_ID:39602
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.46)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39602_62514.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**19.48**	Rating **	M	Issue No.	**1353 (cont)**
LM End	**19.48**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39602_62516.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.48**	Rating **	M	Issue No.	**1353 (cont)**
LM End	**19.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113542 °	37.113542 °
				-120.560389 °	-120.560389 °
DWR ID	19777				

Photo 3 of 3 : UCIP_SP_2020_39602_62515.jpg

Headwall and pipe visible on LS toe.

LM Start	**19.52**	Rating **	M	Issue No.	**1355**
LM End	**19.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112953 °	37.112953 °
				-120.559943 °	-120.559943 °
DWR ID	19778				

Comment Code

Inspector Comment

DS_ID:19778
FS_ID:39603
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.50)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39603_62519.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.52**	Rating **	M	Issue No.	**1355 (cont)**
LM End	**19.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112953 °	37.112953 °
				-120.559943 °	-120.559943 °
DWR ID	19778				

Photo 2 of 3 : UCIP_SP_2020_39603_62521.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**19.52**	Rating **	M	Issue No.	**1355 (cont)**
LM End	**19.52**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39603_62520.jpg

Headwall and pipe visible on LS toe.

LM Start	**19.56**	Rating **	M	Issue No.	**219**
LM End	**20.42**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.112582 °	37.103502 °
				-120.559412 °	-120.549868 °
DWR ID	DWR_NA0010_05_s _ 2020_219				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.86**	Rating **	A/W	Issue No.	**1356**
LM End	**19.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109284 °	37.109284 °
				-120.555948 °	-120.555948 °
DWR ID	19779				

Comment Code

Inspector Comment

DS_ID:19779
FS_ID:34754
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.84)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34754_62525.jpg

Headwall and pipe visible on LS toe.

LM Start	**19.86**	Rating **	A/W	Issue No.	**1356 (cont)**
LM End	**19.86**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34754_62524.jpg

Headwall and pipe visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.86**	Rating **	A/W	Issue No.	**1356 (cont)**
LM End	**19.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.109284 °	37.109284 °
				-120.555948 °	-120.555948 °
DWR ID	19779				

Photo 3 of 3 : UCIP_SP_2020_34754_62523.jpg

Inside pipe on LS toe.

LM Start	**19.94**	Rating **	A/W	Issue No.	**1357**
LM End	**19.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.108426 °	37.108426 °
				-120.554990 °	-120.554990 °
DWR ID	19780				

Comment Code

Inspector Comment

DS_ID:19780
FS_ID:34755
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.92)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34755_62529.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**19.94**	Rating **	A/W	Issue No.	**1357 (cont)**
LM End	**19.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.108426 °	37.108426 °
				-120.554990 °	-120.554990 °
DWR ID	19780				

Photo 2 of 3 : UCIP_SP_2020_34755_62530.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**19.94**	Rating **	A/W	Issue No.	**1357 (cont)**
LM End	**19.94**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34755_62528.jpg

Headwall and pipe visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**20.10**	Rating **	A/W	Issue No.	**1358**
LM End	**20.10**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.107091 °	37.107091 °
				-120.553503 °	-120.553503 °
DWR ID	19781				

Comment Code

Inspector Comment

DS_ID:19781
FS_ID:34757
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 20.05)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34757_62533.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**20.10**	Rating **	A/W	Issue No.	**1358 (cont)**
LM End	**20.10**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34757_62532.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**20.10**	Rating **	A/W	Issue No.	**1358 (cont)**
LM End	**20.10**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.107091 °	37.107091 °
				-120.553503 °	-120.553503 °
DWR ID	19781				

Photo 3 of 3 : UCIP_SP_2020_34757_62534.jpg

Headwall and pipe visible on LS toe.

LM Start	**20.24**	Rating **	A/W	Issue No.	**1360**
LM End	**20.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °
				-120.551886 °	-120.551886 °
DWR ID	19783				

Comment Code

Inspector Comment

DS_ID:19783
FS_ID:34760
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 20.18)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_34760_62539.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**20.24**	Rating **	A/W	Issue No.	**1360 (cont)**
LM End	**20.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.105489 °	37.105489 °
				-120.551886 °	-120.551886 °
DWR ID	19783				

Photo 2 of 3 : UCIP_SP_2020_34760_62541.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**20.24**	Rating **	A/W	Issue No.	**1360 (cont)**
LM End	**20.24**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_34760_62540.jpg

Headwall and pipe visible on LS toe.

LM Start	**20.42**	Rating **	U	Issue No.	**220**
LM End	**23.24**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.103477 °	37.073146 °
				-120.549844 °	-120.516816 °
DWR ID	DWR_NA0010_05_s _ 2020_220				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_220_20200507_00361.jpg

Looking upstream along the landside slope. (Spring 2020)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**20.65**	Rating **	M	Issue No.	**1361**
LM End	**20.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °
				-120.547282 °	-120.547282 °
DWR ID	19784				

Comment Code

Inspector Comment

DS_ID:19784
FS_ID:39605
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 20.59)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39605_62544.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**20.65**	Rating **	M	Issue No.	**1361 (cont)**
LM End	**20.65**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39605_62543.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**20.65**	Rating **	M	Issue No.	**1361 (cont)**
LM End	**20.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.100903 °	37.100903 °
				-120.547282 °	-120.547282 °
DWR ID	19784				

Photo 3 of 3 : UCIP_SP_2020_39605_62545.jpg

Headwall and pipe visible on LS toe.

LM Start	**21.13**	Rating **	M	Issue No.	**1362**
LM End	**21.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °
				-120.541593 °	-120.541593 °
DWR ID	19785				

Comment Code

Inspector Comment

DS_ID:19785
FS_ID:39606
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.08)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39606_62549.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.13**	Rating **	M	Issue No.	**1362 (cont)**
LM End	**21.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.095603 °	37.095603 °
				-120.541593 °	-120.541593 °
DWR ID	19785				

Photo 2 of 3 : UCIP_SP_2020_39606_62551.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**21.13**	Rating **	M	Issue No.	**1362 (cont)**
LM End	**21.13**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39606_62550.jpg

Headwall and pipe visible on LS toe.

LM Start	**21.45**	Rating **	M	Issue No.	**120**
LM End	**21.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.092064 °	37.092064 °
				-120.537750 °	-120.537750 °
DWR ID	DWR_NA0010_05_f _ 2017_120				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Repair holes dug at the landside toe.

Photo 1 of 1 : SP_2020_NA0010_123_120_20200225_00027.jpg

Looking southeast at the landside toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.48**	Rating **	M	Issue No.	**1363**
LM End	**21.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.091755 °	37.091755 °
				-120.537414 °	-120.537414 °
DWR ID	19786				

Comment Code

Inspector Comment

DS_ID:19786
FS_ID:39614
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.42)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39614_62555.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**21.48**	Rating **	M	Issue No.	**1363 (cont)**
LM End	**21.48**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39614_62556.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.48**	Rating **	M	Issue No.	**1363 (cont)**
LM End	**21.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.091755 °	37.091755 °
				-120.537414 °	-120.537414 °
DWR ID	19786				

Photo 3 of 3 : UCIP_SP_2020_39614_62554.jpg

Headwall and pipe visible on LS toe.

LM Start	**21.91**	Rating **	M	Issue No.	**1364**
LM End	**21.91**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087525 °	37.087525 °
				-120.532827 °	-120.532827 °
DWR ID	19787				

Comment Code

Inspector Comment

DS_ID:19787
FS_ID:39883
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.81)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39883_62559.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.91**	Rating **	M	Issue No.	**1364 (cont)**
LM End	**21.91**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087525 °	37.087525 °
				-120.532827 °	-120.532827 °
DWR ID	19787				

Photo 2 of 3 : UCIP_SP_2020_39883_62558.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**21.91**	Rating **	M	Issue No.	**1364 (cont)**
LM End	**21.91**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39883_62560.jpg

Headwall and pipe visible on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.95**	Rating **	M	Issue No.	**1365**
LM End	**21.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °
				-120.532374 °	-120.532374 °
DWR ID	19788				

Comment Code

Inspector Comment

DS_ID:19788
FS_ID:39610
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 21.85)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39610_62586.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**21.95**	Rating **	M	Issue No.	**1365 (cont)**
LM End	**21.95**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39610_62588.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**21.95**	Rating **	M	Issue No.	**1365 (cont)**
LM End	**21.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.087108 °	37.087108 °
				-120.532374 °	-120.532374 °
DWR ID	19788				

Photo 3 of 3 : UCIP_SP_2020_39610_62587.jpg

Headwall and pipe visible on LS toe.

LM Start	**22.28**	Rating **	M	Issue No.	**1366**
LM End	**22.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.083410 °	37.083410 °
				-120.528356 °	-120.528356 °
DWR ID	19789				

Comment Code

Inspector Comment

DS_ID:19789
FS_ID:39611
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 22.19)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39611_62591.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**22.28**	Rating **	M	Issue No.	**1366 (cont)**
LM End	**22.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.083410 °	37.083410 °
				-120.528356 °	-120.528356 °
DWR ID	19789				

Photo 2 of 3 : UCIP_SP_2020_39611_62593.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**22.28**	Rating **	M	Issue No.	**1366 (cont)**
LM End	**22.28**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39611_62592.jpg

Headwall and pipe visible on LS toe.

LM Start	**22.35**	Rating **	M	Issue No.	**121**
LM End	**22.35**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.082696 °	37.082696 °
				-120.527620 °	-120.527620 °
DWR ID	DWR_NA0010_05_f _ 2017_121				

Comment Code
A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment
Waterside slope damaged by animal traffic.

Photo 1 of 1 : SP_2020_NA0010_123_121_20200225_00028.jpg

Looking southeast at the waterside slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**22.55**	Rating **	M	Issue No.	**1367**
LM End	**22.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.080486 °	37.080486 °
				-120.525180 °	-120.525180 °
DWR ID	19790				

Comment Code

Inspector Comment

DS_ID:19790
FS_ID:39613
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 22.46)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39613_62596.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**22.55**	Rating **	M	Issue No.	**1367 (cont)**
LM End	**22.55**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39613_62598.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**22.55**	Rating **	M	Issue No.	**1367 (cont)**
LM End	**22.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.080486 °	37.080486 °
				-120.525180 °	-120.525180 °
DWR ID	19790				

Photo 3 of 3 : UCIP_SP_2020_39613_62597.jpg

Headwall and pipe visible on LS toe.

LM Start	**22.88**	Rating **	M	Issue No.	**221**
LM End	**23.24**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.076959 °	37.073146 °
				-120.521291 °	-120.516816 °
DWR ID	DWR_NA0010_05_s _ 2020_221				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**22.89**	Rating **	M	Issue No.	**1368**
LM End	**22.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °
				-120.521116 °	-120.521116 °
DWR ID	19791				

Comment Code

Inspector Comment

DS_ID:19791
FS_ID:39616
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 22.79)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39616_62601.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**22.89**	Rating **	M	Issue No.	**1368 (cont)**
LM End	**22.89**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39616_62600.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**22.89**	Rating **	M	Issue No.	**1368 (cont)**
LM End	**22.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.076830 °	37.076830 °
				-120.521116 °	-120.521116 °
DWR ID	19791				

Photo 3 of 3 : UCIP_SP_2020_39616_62602.jpg

Headwall and pipe visible on LS toe.

LM Start	**23.03**	Rating **	M	Issue No.	**1369**
LM End	**23.03**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.075387 °	37.075387 °
				-120.519406 °	-120.519406 °
DWR ID	19792				

Comment Code

Inspector Comment

DS_ID:19792
FS_ID:39617
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/23/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 22.94)].
FS Date: 4/23/2014

Photo 1 of 3 : UCIP_SP_2020_39617_62606.jpg

Headwall, pipe, and flapgate visible on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**23.03**	Rating **	M	Issue No.	**1369 (cont)**
LM End	**23.03**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.075387 °	37.075387 °
				-120.519406 °	-120.519406 °
DWR ID	19792				

Photo 2 of 3 : UCIP_SP_2020_39617_62608.jpg

Headwall, pipe, and flapgate visible on WS toe.

LM Start	**23.03**	Rating **	M	Issue No.	**1369 (cont)**
LM End	**23.03**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39617_62607.jpg

Headwall and pipe visible on LS toe.

LM Start	**23.24**	Rating **	A/W	Issue No.	**160**
LM End	**23.25**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.073064 °	37.072946 °
				-120.516771 °	-120.516634 °
DWR ID	DWR_NA0010_05_f _ 2018_160				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is slope damage caused by livestock on waterside.

Photo 1 of 1 : SP_2020_NA0010_123_160_20200225_00056.jpg

Slope damage cause by livestock foot traffic. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**23.25**	Rating **	A/W	Issue No.	**1371**
LM End	**23.25**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.072989 °	37.072989 °
				-120.516687 °	-120.516687 °
DWR ID	19794				

Comment Code

Inspector Comment

DS_ID:19794
FS_ID:32763
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 23.15)].
FS Date: 3/25/2014 9:04:45 AM

Photo 1 of 3 : UCIP_SP_2020_32763_59262.jpg

Concrete headwall on WS toe.

LM Start	**23.25**	Rating **	A/W	Issue No.	**1371 (cont)**
LM End	**23.25**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32763_59263.jpg

Flapgate and concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**23.25**	Rating **	A/W	Issue No.	**1371 (cont)**
LM End	**23.25**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.072989 °	37.072989 °
				-120.516687 °	-120.516687 °
DWR ID	19794				

Photo 3 of 3 : UCIP_SP_2020_32763_59261.jpg

Concrete headwall on LS toe.

LM Start	**23.51**	Rating **	M	Issue No.	**222**
LM End	**24.96**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.070163 °	37.054371 °
				-120.513604 °	-120.496220 °
DWR ID	DWR_NA0010_05_s _ 2020_222				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**23.72**	Rating **	M	Issue No.	**1372**
LM End	**23.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.067799 °	37.067799 °
				-120.511093 °	-120.511093 °
DWR ID	19796				

Comment Code

Inspector Comment

DS_ID:19796
FS_ID:39621
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 23.62)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39621_59272.jpg

Concrete headwall on WS toe.

LM Start	**23.72**	Rating **	M	Issue No.	**1372 (cont)**
LM End	**23.72**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39621_59270.jpg

Flapgate on Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**23.72**	Rating **	M	Issue No.	**1372 (cont)**
LM End	**23.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.067799 °	37.067799 °
				-120.511093 °	-120.511093 °
DWR ID	19796				

Photo 3 of 3 : UCIP_SP_2020_39621_59271.jpg

Concrete headwall on LS toe.

LM Start	**24.02**	Rating **	M	Issue No.	**1373**
LM End	**24.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.064494 °	37.064494 °
				-120.507531 °	-120.507531 °
DWR ID	19797				

Comment Code

Inspector Comment

DS_ID:19797
FS_ID:39620
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Minor sediment/debris buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 23.85)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39620_59282.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.02**	Rating **	M	Issue No.	**1373 (cont)**
LM End	**24.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.064494 °	37.064494 °
				-120.507531 °	-120.507531 °
DWR ID	19797				

Photo 2 of 3 : UCIP_SP_2020_39620_59280.jpg

Flapgate at Concrete headwall on WS toe.

LM Start	**24.02**	Rating **	M	Issue No.	**1373 (cont)**
LM End	**24.02**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39620_59281.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.28**	Rating **	M	Issue No.	**1374**
LM End	**24.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.061724 °	37.061724 °
				-120.504512 °	-120.504512 °
DWR ID	19798				

Comment Code

Inspector Comment

DS_ID:19798
FS_ID:46850
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 24.18)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_46850_59287.jpg

Concrete headwall at WS toe.

LM Start	**24.28**	Rating **	M	Issue No.	**1374 (cont)**
LM End	**24.28**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_46850_59285.jpg

Flapgate at concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.28**	Rating **	M	Issue No.	**1374 (cont)**
LM End	**24.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.061724 °	37.061724 °
				-120.504512 °	-120.504512 °
DWR ID	19798				

Photo 3 of 3 : UCIP_SP_2020_46850_59286.jpg

Concrete headwall at LS toe.

LM Start	**24.44**	Rating **	M	Issue No.	**223**
LM End	**24.96**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.059961 °	37.054371 °
				-120.502607 °	-120.496220 °
DWR ID	DWR_NA0010_05_s _ 2020_223				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.56**	Rating **	M	Issue No.	**1375**
LM End	**24.56**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.058673 °	37.058673 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

Comment Code

Inspector Comment

DS_ID:19799
FS_ID:39623
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 24.46)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39623_59292.jpg

Concrete headwall on WS toe.

LM Start	**24.56**	Rating **	M	Issue No.	**1375 (cont)**
LM End	**24.56**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39623_59290.jpg

Flapgate at Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.56**	Rating **	M	Issue No.	**1375 (cont)**
LM End	**24.56**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.058673 °	37.058673 °
				-120.501238 °	-120.501238 °
DWR ID	19799				

Photo 3 of 3 : UCIP_SP_2020_39623_59291.jpg

Concrete headwall on LS toe.

LM Start	**24.93**	Rating **	A/W	Issue No.	**1376**
LM End	**24.93**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054481 °	37.054481 °
				-120.496798 °	-120.496798 °
DWR ID	19800				

Comment Code

Inspector Comment

DS_ID:19800
FS_ID:32786
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 24.82)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32786_59297.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.93**	Rating **	A/W	Issue No.	**1376 (cont)**
LM End	**24.93**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054481 °	37.054481 °
				-120.496798 °	-120.496798 °
DWR ID	19800				

Photo 2 of 3 : UCIP_SP_2020_32786_59295.jpg

Flapgate on concrete headwall on WS toe.

LM Start	**24.93**	Rating **	A/W	Issue No.	**1376 (cont)**
LM End	**24.93**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32786_59296.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.96**	Rating **	A/W	Issue No.	**1377**
LM End	**24.96**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054344 °	37.054344 °
				-120.496214 °	-120.496214 °
DWR ID	19801				

Comment Code

Inspector Comment

DS_ID:19801
FS_ID:39624
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 24.87)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39624_59302.jpg

Flapgate and channel off WS toe.

LM Start	**24.96**	Rating **	A/W	Issue No.	**1377 (cont)**
LM End	**24.96**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39624_59301.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**24.96**	Rating **	A/W	Issue No.	**1377 (cont)**
LM End	**24.96**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.054344 °	37.054344 °
				-120.496214 °	-120.496214 °
DWR ID	19801				

Photo 3 of 3 : UCIP_SP_2020_39624_59303.jpg

Flapgate on headwall at WS toe.

LM Start	**25.09**	Rating **	M	Issue No.	**123**
LM End	**25.26**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.053103 °	37.051252 °
				-120.494651 °	-120.492368 °
DWR ID	DWR_NA0010_05_f _ 2017_123				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_123_20200225_00029.jpg

Looking southwest at the landside slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.24**	Rating **	M	Issue No.	**1379**
LM End	**25.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.051477 °	37.051477 °
				-120.492650 °	-120.492650 °
DWR ID	19803				

Comment Code

Inspector Comment

DS_ID:19803
FS_ID:32789
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Flapgate propped open during flood season. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 25.43)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32789_59311.jpg

Concrete headwall and flapgate on WS toe.

LM Start	**25.24**	Rating **	M	Issue No.	**1379 (cont)**
LM End	**25.24**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32789_59312.jpg

Concrete headwall and flapgate on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.24**	Rating **	M	Issue No.	**1379 (cont)**
LM End	**25.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.051477 °	37.051477 °
				-120.492650 °	-120.492650 °
DWR ID	19803				

Photo 3 of 3 : UCIP_SP_2020_32789_59310.jpg

Concrete headwall on LS toe.

LM Start	**25.28**	Rating **	M	Issue No.	**9**
LM End	**25.64**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.051076 °	37.047042 °
				-120.492153 °	-120.488092 °
DWR ID	DWR_NA0010_05_s _ 2012_9				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are noted along this section.

Photo 1 of 1 : SP_2020_NA0010_123_9_20200225_00008.jpg

View of representative rodent burrow. (Fall 2018)

LM Start	**25.53**	Rating **	M	Issue No.	**224**
LM End	**26.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.048470 °	37.032868 °
				-120.489208 °	-120.475446 °
DWR ID	DWR_NA0010_05_s _ 2020_224				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.61**	Rating **	M	Issue No.	**1380**
LM End	**25.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047455 °	37.047455 °
				-120.488443 °	-120.488443 °
DWR ID	19804				

Comment Code

Inspector Comment

DS_ID:19804
FS_ID:39625
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 25.51)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39625_59316.jpg

Concrete headwall on WS toe.

LM Start	**25.61**	Rating **	M	Issue No.	**1380 (cont)**
LM End	**25.61**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39625_59317.jpg

Flapgate on concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.61**	Rating **	M	Issue No.	**1380 (cont)**
LM End	**25.61**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047455 °	37.047455 °
				-120.488443 °	-120.488443 °
DWR ID	19804				

Photo 3 of 3 : UCIP_SP_2020_39625_59315.jpg

Concrete headwall on LS toe.

LM Start	**25.61**	Rating **	M	Issue No.	**124**
LM End	**25.61**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.047416 °	37.047416 °
				-120.488411 °	-120.488411 °
DWR ID	DWR_NA0010_05_f _ 2017_124				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_124_20200225_00030.jpg

Looking east at the waterside slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.63**	Rating **	M	Issue No.	**1381**
LM End	**25.63**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047170 °	37.047170 °
				-120.488222 °	-120.488222 °
DWR ID	19805				

Comment Code

Inspector Comment

DS_ID:19805
FS_ID:39626
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 12.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 25.53)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39626_59321.jpg

Flapgate on headwall at WS toe.

LM Start	**25.63**	Rating **	M	Issue No.	**1381 (cont)**
LM End	**25.63**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39626_59320.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**25.63**	Rating **	M	Issue No.	**1381 (cont)**
LM End	**25.63**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.047170 °	37.047170 °
				-120.488222 °	-120.488222 °
DWR ID	19805				

Photo 3 of 3 : UCIP_SP_2020_39626_59319.jpg

Inside pipe on LS toe.

LM Start	**25.81**	Rating **	M	Issue No.	**178**
LM End	**25.81**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.044986 °	37.044986 °
				-120.486539 °	-120.486539 °
DWR ID	DWR_NA0010_05_f _ 2019_178				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**26.19**	Rating **	M	Issue No.	**161**
LM End	**26.21**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.040289 °	37.040043 °
				-120.482988 °	-120.482795 °
DWR ID	DWR_NA0010_05_f _ 2018_161				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Waterside slope damage is caused by livestock foot traffic.

Photo 1 of 1 : SP_2020_NA0010_123_161_20200225_00057.jpg

Slope damage on waterside. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.20**	Rating **	M	Issue No.	**1382**
LM End	**26.20**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.040070 °	37.040070 °
				-120.482796 °	-120.482796 °
DWR ID	19806				

Comment Code

Inspector Comment

DS_ID:19806
FS_ID:39627
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 26.11)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39627_59341.jpg

Concrete headwall on WS toe.

LM Start	**26.20**	Rating **	M	Issue No.	**1382 (cont)**
LM End	**26.20**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39627_59340.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.20**	Rating **	M	Issue No.	**1382 (cont)**
LM End	**26.20**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.040070 °	37.040070 °
				-120.482796 °	-120.482796 °
DWR ID	19806				

Photo 3 of 3 : UCIP_SP_2020_39627_59342.jpg

Concrete headwall on LS toe.

LM Start	**26.39**	Rating **	A/W	Issue No.	**1383**
LM End	**26.39**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.037772 °	37.037772 °
				-120.481028 °	-120.481028 °
DWR ID	19807				

Comment Code

Inspector Comment

DS_ID:19807
FS_ID:32804
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 26.29)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32804_59347.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.39**	Rating **	A/W	Issue No.	**1383 (cont)**
LM End	**26.39**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.037772 °	37.037772 °
				-120.481028 °	-120.481028 °
DWR ID	19807				

Photo 2 of 3 : UCIP_SP_2020_32804_59346.jpg

Concrete headwall on WS toe.

LM Start	**26.39**	Rating **	A/W	Issue No.	**1383 (cont)**
LM End	**26.39**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32804_59345.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.95**	Rating **	M	Issue No.	**1384**
LM End	**26.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032669 °	37.032669 °
				-120.473901 °	-120.473901 °
DWR ID	19808				

Comment Code

Inspector Comment

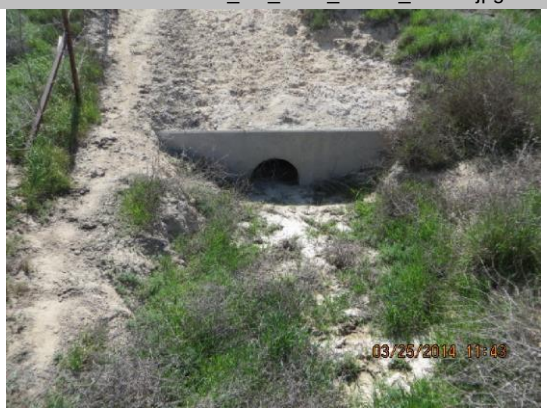
DS_ID:19808
FS_ID:39628
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Pipe has heavy silt buildup visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 26.85)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_39628_59350.jpg

Concrete headwall on LS toe.

LM Start	**26.95**	Rating **	M	Issue No.	**1384 (cont)**
LM End	**26.95**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39628_59349.jpg



Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.95**	Rating **	M	Issue No.	**1384 (cont)**
LM End	**26.95**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032669 °	37.032669 °
				-120.473901 °	-120.473901 °
DWR ID	19808				

Photo 3 of 3 : UCIP_SP_2020_39628_59348.jpg

Silt buildup in pipe at LS toe.

LM Start	**26.97**	Rating **	M	Issue No.	**1385**
LM End	**26.97**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032680 °	37.032680 °
				-120.473454 °	-120.473454 °
DWR ID	19748				

Comment Code

Inspector Comment

DS_ID:19748
FS_ID:32806
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Tumble weed buildup at inlet mat create blockage and should be removed. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 26.87)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32806_59353.jpg

Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**26.97**	Rating **	M	Issue No.	**1385 (cont)**
LM End	**26.97**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032680 °	37.032680 °
				-120.473454 °	-120.473454 °
DWR ID	19748				

Photo 2 of 3 : UCIP_SP_2020_32806_59355.jpg

Flapgate and Concrete headwall at WS toe.

LM Start	**26.97**	Rating **	M	Issue No.	**1385 (cont)**
LM End	**26.97**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32806_59354.jpg

Concrete headwall at LS toe.

LM Start	**27.00**	Rating **	U	Issue No.	**162**
LM End	**27.04**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032663 °	37.032659 °
				-120.472907 °	-120.472190 °
DWR ID	DWR_NA0010_05_f _ 2018_162				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent burrows with large quantities of material displaced noted in this section.

Photo 1 of 1 : SP_2020_NA0010_123_162_20200225_00058.jpg

Rodent burrow noted with large quantity of material displaced. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

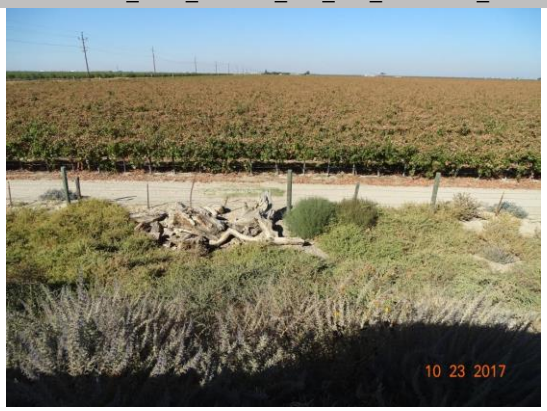
LM Start	**27.01**	Rating **	M	Issue No.	**125**
LM End	**27.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.032675 °	37.032675 °
				-120.472841 °	-120.472841 °
DWR ID	DWR_NA0010_05_f _ 2017_125				

Comment Code

TR : Tree or limb

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_125_20200225_00031.jpg



Looking north at the landside slope.

LM Start	**27.31**	Rating **	A/W	Issue No.	**1386**
LM End	**27.31**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032668 °	37.032668 °
				-120.467299 °	-120.467299 °
DWR ID	19749				

Comment Code

Inspector Comment

DS_ID:19749
FS_ID:32807
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 27.22)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32807_59358.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**27.31**	Rating **	A/W	Issue No.	**1386 (cont)**
LM End	**27.31**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032668 °	37.032668 °
				-120.467299 °	-120.467299 °
DWR ID	19749				

Photo 2 of 3 : UCIP_SP_2020_32807_59359.jpg

Flapgate at Concrete headwall on WS toe.

LM Start	**27.31**	Rating **	A/W	Issue No.	**1386 (cont)**
LM End	**27.31**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32807_59357.jpg

Concrete headwall on LS toe.

LM Start	**28.08**	Rating **	M	Issue No.	**225**
LM End	**30.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.032596 °	37.010492 °
				-120.453430 °	-120.426907 °
DWR ID	DWR_NA0010_05_s _ 2020_225				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**28.24**	Rating **	M	Issue No.	**163**
LM End	**28.27**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.032597 °	37.032595 °
				-120.450536 °	-120.450081 °
DWR ID	DWR_NA0010_05_f _ 2018_163				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**28.27**	Rating **	M	Issue No.	**1387**
LM End	**28.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032623 °	37.032623 °
				-120.450108 °	-120.450108 °
DWR ID	19750				

Comment Code

Inspector Comment

DS_ID:19750
FS_ID:32823
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/25/2014 Animal Burrowing activity at LS toe may undermine headwall. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 28.17)].
FS Date: 3/25/2014

Photo 1 of 3 : UCIP_SP_2020_32823_59382.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**28.27**	Rating **	M	Issue No.	**1387 (cont)**
LM End	**28.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.032623 °	37.032623 °
				-120.450108 °	-120.450108 °
DWR ID	19750				

Photo 2 of 3 : UCIP_SP_2020_32823_59383.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**28.27**	Rating **	M	Issue No.	**1387 (cont)**
LM End	**28.27**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32823_59381.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**28.79**	Rating **	A/W	Issue No.	**1388**
LM End	**28.79**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.031640 °	37.031640 °
				-120.441389 °	-120.441389 °
DWR ID	19751				

Comment Code

Inspector Comment

DS_ID:19751
FS_ID:32832
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 28.69)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_32832_59420.jpg

Concrete headwall on WS toe.

LM Start	**28.79**	Rating **	A/W	Issue No.	**1388 (cont)**
LM End	**28.79**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32832_59419.jpg

Concrete headwall on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**28.79**	Rating **	A/W	Issue No.	**1388 (cont)**
LM End	**28.79**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.031640 °	37.031640 °
				-120.441389 °	-120.441389 °
DWR ID	19751				

Photo 3 of 3 : UCIP_SP_2020_32832_59418.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**29.43**	Rating **	M	Issue No.	**164**
LM End	**29.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.023481 °	37.021442 °
				-120.435960 °	-120.434564 °
DWR ID	DWR_NA0010_05_f _ 2018_164				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is slope damage on waterside from livestock traffic.

Photo 1 of 1 : SP_2020_NA0010_123_164_20200225_00059.jpg

Slope damage from animal traffic. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**29.58**	Rating **	M	Issue No.	**1390**
LM End	**29.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.021497 °	37.021497 °
				-120.434602 °	-120.434602 °
DWR ID	19753				

Comment Code

Inspector Comment

DS_ID:19753
FS_ID:39884
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend contacting owner to clear pipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 29.49)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39884_59414.jpg

Concrete headwall on WS toe.

LM Start	**29.58**	Rating **	M	Issue No.	**1390 (cont)**
LM End	**29.58**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39884_59413.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**29.58**	Rating **	M	Issue No.	**1390 (cont)**
LM End	**29.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.021497 °	37.021497 °
				-120.434602 °	-120.434602 °
DWR ID	19753				

Photo 3 of 3 : UCIP_SP_2020_39884_59415.jpg

Concrete headwall on LS toe.

LM Start	**29.68**	Rating **	M	Issue No.	**171**
LM End	**29.80**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.020272 °	37.018712 °
				-120.433737 °	-120.432682 °
DWR ID	DWR_NA0010_05_s _ 2014_171				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is waterside erosion caused by livestock.

Photo 1 of 1 : SP_2020_NA0010_123_171_20200225_00063.jpg

Looking north at animal erosion on waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**29.82**	Rating **	M	Issue No.	**1391**
LM End	**29.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.018505 °	37.018505 °
				-120.432544 °	-120.432544 °
DWR ID	19754				

Comment Code

Inspector Comment

DS_ID:19754
FS_ID:39631
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 29.72)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39631_59424.jpg

Concrete headwall on WS toe.

LM Start	**29.82**	Rating **	M	Issue No.	**1391 (cont)**
LM End	**29.82**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39631_59426.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**29.82**	Rating **	M	Issue No.	**1391 (cont)**
LM End	**29.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.018505 °	37.018505 °
				-120.432544 °	-120.432544 °
DWR ID	19754				

Photo 3 of 3 : UCIP_SP_2020_39631_59425.jpg

Concrete headwall on LS toe.

LM Start	**29.87**	Rating **	M	Issue No.	**227**
LM End	**30.68**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.017896 °	37.008154 °
				-120.432102 °	-120.424041 °
DWR ID	DWR_NA0010_05_s _ 2020_227				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**29.88**	Rating **	A/W	Issue No.	**129**
LM End	**31.19**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.017748 °	37.002885 °
				-120.432013 °	-120.417550 °
DWR ID	DWR_NA0010_05_f _ 2017_129				

Comment Code

C3 : Add appropriate gravel or road base. Grade and compact.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**29.89**	Rating **	M	Issue No.	**16**
LM End	**29.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.017540 °	37.016636 °
				-120.431955 °	-120.431243 °
DWR ID	DWR_NA0010_05_s _ 2012_16				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**30.14**	Rating **	M	Issue No.	**1392**
LM End	**30.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.014471 °	37.014471 °
				-120.429759 °	-120.429759 °
DWR ID	19696				

Comment Code

Inspector Comment

DS_ID:19696
FS_ID:39632
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 30.04)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39632_59430.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**30.14**	Rating **	M	Issue No.	**1392 (cont)**
LM End	**30.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.014471 °	37.014471 °
				-120.429759 °	-120.429759 °
DWR ID	19696				

Photo 2 of 3 : UCIP_SP_2020_39632_59431.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**30.14**	Rating **	M	Issue No.	**1392 (cont)**
LM End	**30.14**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39632_59429.jpg

Concrete headwall on LS toe.

LM Start	**30.31**	Rating **	C	Issue No.	**133**
LM End	**30.31**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.012273 °	37.012273 °
				-120.428244 °	-120.428244 °
DWR ID	DWR_NA0010_05_s _ 2018_133				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

There is a minor depression on levee crown. Possible sink hole.

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**30.33**	Rating **	C	Issue No.	**187**
LM End	**30.33**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.011992 °	37.011992 °
				-120.428050 °	-120.428050 °
DWR ID	DWR_NA0010_05_s _ 2019_187				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

LM Start	**30.45**	Rating **	U	Issue No.	**226**
LM End	**31.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.010492 °	37.000923 °
				-120.426907 °	-120.415335 °
DWR ID	DWR_NA0010_05_s _ 2020_226				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_226_20200507_00363.jpg

View of the landside slope looking upstream. (Spring 2020)

LM Start	**31.04**	Rating **	M	Issue No.	**228**
LM End	**31.36**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.004474 °	37.001108 °
				-120.419527 °	-120.415542 °
DWR ID	DWR_NA0010_05_s _ 2020_228				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.06**	Rating **	M	Issue No.	**1393**
LM End	**31.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.004212 °	37.004212 °
				-120.419178 °	-120.419178 °
DWR ID	19697				

Comment Code

Inspector Comment

DS_ID:19697
FS_ID:39633
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Some debris buildup at LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 30.96)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39633_59435.jpg

Concrete headwall on WS toe.

LM Start	**31.06**	Rating **	M	Issue No.	**1393 (cont)**
LM End	**31.06**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39633_59436.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

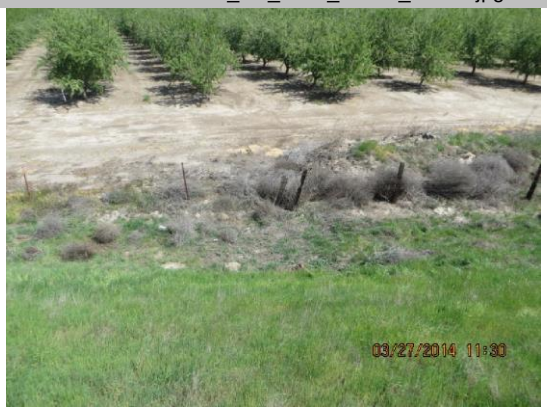
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.06**	Rating **	M	Issue No.	**1393 (cont)**
LM End	**31.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.004212 °	37.004212 °
				-120.419178 °	-120.419178 °
DWR ID	19697				

Photo 3 of 3 : UCIP_SP_2020_39633_59434.jpg



Concrete headwall on LS toe.

LM Start	**31.30**	Rating **	M	Issue No.	**1394**
LM End	**31.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.001754 °	37.001754 °
				-120.416254 °	-120.416254 °
DWR ID	19698				

Comment Code

Inspector Comment

DS_ID:19698
FS_ID:39643
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Excess vegetation buildup at inlet on LS toe. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 31.19)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39643_59439.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.30**	Rating **	M	Issue No.	**1394 (cont)**
LM End	**31.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.001754 °	37.001754 °
				-120.416254 °	-120.416254 °
DWR ID	19698				

Photo 2 of 3 : UCIP_SP_2020_39643_59440.jpg

Flapgate at concrete headwall on WS toe.

LM Start	**31.30**	Rating **	M	Issue No.	**1394 (cont)**
LM End	**31.30**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39643_59438.jpg

Concrete headwall on LS toe.

LM Start	**31.38**	Rating **	M	Issue No.	**229**
LM End	**34.75**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.000859 °	36.980353 °
				-120.415269 °	-120.368552 °
DWR ID	DWR_NA0010_05_s _ 2020_229				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.66**	Rating **	U	Issue No.	**230**
LM End	**31.66**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.997828 °	36.997828 °
				-120.411920 °	-120.411920 °
DWR ID	DWR_NA0010_05_s _ 2020_230				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_230_20200507_00362.jpg

Rodent burrows in the waterside slope. (Spring 2020)

LM Start	**31.74**	Rating **	A/W	Issue No.	**1395**
LM End	**31.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.997001 °	36.997001 °
				-120.410991 °	-120.410991 °
DWR ID	19699				

Comment Code

Inspector Comment

DS_ID:19699
FS_ID:39644
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 48-inch by 36-inch reinforced concrete box gravity drainage culvert through the levee, 14.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 31.64)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39644_59444.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.74**	Rating **	A/W	Issue No.	**1395 (cont)**
LM End	**31.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.997001 °	36.997001 °
				-120.410991 °	-120.410991 °
DWR ID	19699				

Photo 2 of 3 : UCIP_SP_2020_39644_59442.jpg

Concrete headwall on WS toe.

LM Start	**31.74**	Rating **	A/W	Issue No.	**1395 (cont)**
LM End	**31.74**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39644_59443.jpg

Concrete headwall on LS toe. Note tumbleweeds blocking inlet.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.80**	Rating **	M	Issue No.	**1396**
LM End	**31.80**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995029 °	36.995029 °
				-120.408914 °	-120.408914 °
DWR ID	19700				

Comment Code

Inspector Comment

DS_ID:19700
FS_ID:39645
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 31.71)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39645_59686.jpg

Concrete headwall at channel on WS toe.

LM Start	**31.80**	Rating **	M	Issue No.	**1396 (cont)**
LM End	**31.80**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39645_59687.jpg

Flapgate on Concrete headwall at channel on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**31.80**	Rating **	M	Issue No.	**1396 (cont)**
LM End	**31.80**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995029 °	36.995029 °
				-120.408914 °	-120.408914 °
DWR ID	19700				

Photo 3 of 3 : UCIP_SP_2020_39645_59685.jpg

Concrete headwall on LS toe.

LM Start	**32.32**	Rating **	M	Issue No.	**1397**
LM End	**32.32**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.989435 °	36.989435 °
				-120.402626 °	-120.402626 °
DWR ID	19701				

Comment Code

Inspector Comment

DS_ID:19701
FS_ID:39646
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Some silt buildup inside culvert. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 14.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end with flashboard attachment. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 32.22)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39646_59690.jpg

Concrete headwall at inlet on LS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**32.32**	Rating **	M	Issue No.	**1397 (cont)**
LM End	**32.32**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.989435 °	36.989435 °
				-120.402626 °	-120.402626 °
DWR ID	19701				

Photo 2 of 3 : UCIP_SP_2020_39646_59688.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**32.32**	Rating **	M	Issue No.	**1397 (cont)**
LM End	**32.32**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39646_59689.jpg

Concrete headwall at outlet on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**33.11**	Rating **	M	Issue No.	**1398**
LM End	**33.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.980861 °	36.980861 °
				-120.393116 °	-120.393116 °
DWR ID	19702				

Comment Code

Inspector Comment

DS_ID:19702
FS_ID:39647
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Debris buildup blocking landward headwall--recommend contacting owner to clear debris. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 12.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 33.01)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39647_59697.jpg

Concrete headwall at WS toe.

LM Start	**33.11**	Rating **	M	Issue No.	**1398 (cont)**
LM End	**33.11**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39647_59699.jpg

Flapgate on Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**33.11**	Rating **	M	Issue No.	**1398 (cont)**
LM End	**33.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.980861 °	36.980861 °
				-120.393116 °	-120.393116 °
DWR ID	19702				

Photo 3 of 3 : UCIP_SP_2020_39647_59698.jpg

Concrete headwall at inlet on LS toe.

LM Start	**33.81**	Rating **	M	Issue No.	**1399**
LM End	**33.81**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.976808 °	36.976808 °
				-120.382593 °	-120.382593 °
DWR ID	19703				

Comment Code

Inspector Comment

DS_ID:19703
FS_ID:39648
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 13.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 33.72)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39648_59701.jpg

Concrete headwall at WS toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**33.81**	Rating **	M	Issue No.	**1399 (cont)**
LM End	**33.81**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.976808 °	36.976808 °
				-120.382593 °	-120.382593 °
DWR ID	19703				

Photo 2 of 3 : UCIP_SP_2020_39648_59700.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**33.81**	Rating **	M	Issue No.	**1399 (cont)**
LM End	**33.81**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39648_59702.jpg

Concrete headwall at LS toe.

LM Start	**33.82**	Rating **	M	Issue No.	**130**
LM End	**33.82**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.976849 °	36.976849 °
				-120.382393 °	-120.382393 °
DWR ID	DWR_NA0010_05_f _ 2017_130				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_123_130_20200225_00032.jpg

Looking east at the landside shoulder.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 East Side Bypass	Right	34.85	04/28/2020 04/29/2020	Corey Fujitani

LM Start	**33.84**	Rating **	M	Issue No.	**231**
LM End	**34.75**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976983 °	36.980353 °
				-120.381995 °	-120.368552 °
DWR ID	DWR_NA0010_05_s _ 2020_231				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**34.26**	Rating **	M	Issue No.	**176**
LM End	**34.50**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.978510 °	36.978504 °
				-120.374796 °	-120.370342 °
DWR ID	DWR_NA0010_05_f _ 2019_176				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**0.08**	Rating **	M	Issue No.	**61**
LM End	**0.08**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.275835 °	37.275835 °
				-120.824517 °	-120.824517 °
DWR ID	DWR_NA0010_06_s _ 2020_61				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**0.46**	Rating **	M	Issue No.	**94**
LM End	**0.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.273362 °	37.273362 °
				-120.818471 °	-120.818471 °
DWR ID	DWR_NA0010_06_f _ 2018_94				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**0.63**	Rating **	M	Issue No.	**63**
LM End	**8.64**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.271550 °	37.211391 °
				-120.816312 °	-120.706688 °
DWR ID	DWR_NA0010_06_s _ 2020_63				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**0.78**	Rating **	M	Issue No.	**1213**
LM End	**0.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.270460 °	37.270460 °
				-120.814290 °	-120.814290 °
DWR ID	19816				

Comment Code

Inspector Comment

DS_ID:19816
FS_ID:36565
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Landward side blocked--need to contact owner to determine status of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.86)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36565_66346.jpg

Overview of waterward side.

LM Start	**0.78**	Rating **	M	Issue No.	**1213 (cont)**
LM End	**0.78**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36565_66345.jpg

Concrete structure located on waterward toe.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**0.78**	Rating **	M	Issue No.	**1213 (cont)**
LM End	**0.78**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.270460 °	37.270460 °
				-120.814290 °	-120.814290 °
DWR ID	19816				

Photo 3 of 3 : UCIP_SP_2020_36565_66344.jpg

View of landward side.

LM Start	**1.13**	Rating **	M	Issue No.	**73**
LM End	**2.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.267648 °	37.254116 °
				-120.810178 °	-120.795005 °
DWR ID	DWR_NA0010_06_s _ 2020_73				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**1.18**	Rating **	U	Issue No.	**93**
LM End	**1.18**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.267101 °	37.267101 °
				-120.809603 °	-120.809603 °
DWR ID	DWR_NA0010_06_f _ 2018_93				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent burrows including large burrows were observed at this location.

Photo 1 of 1 : SP_2020_NA0010_124_93_20200225_00040.jpg

View of landside slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**1.84**	Rating **	M	Issue No.	**125**
LM End	**1.84**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259527 °	37.259527 °
				-120.803300 °	-120.803300 °
DWR ID	DWR_NA0010_06_s _ 2012_125				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**1.87**	Rating **	M	Issue No.	**1214**
LM End	**1.87**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259312 °	37.259312 °
				-120.802863 °	-120.802863 °
DWR ID	19817				

Comment Code

Inspector Comment

DS_ID:19817
FS_ID:36566
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 No access was available to landward side due to fence. Recommend removing some of the vegetation on waterward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.95)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36566_66348.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**1.87**	Rating **	M	Issue No.	**1214 (cont)**
LM End	**1.87**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259312 °	37.259312 °
				-120.802863 °	-120.802863 °
DWR ID	19817				

Photo 2 of 3 : UCIP_SP_2020_36566_66350.jpg

View of waterward side.

LM Start	**1.87**	Rating **	M	Issue No.	**1214 (cont)**
LM End	**1.87**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36566_66349.jpg

Flap gate visible on waterward side.

LM Start	**2.42**	Rating **	U	Issue No.	**92**
LM End	**2.42**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.254519 °	37.254519 °
				-120.795141 °	-120.795141 °
DWR ID	DWR_NA0010_06_f _ 2018_92				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_92_20200225_00038.jpg

View of large rodent holes in landside slope. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**2.53**	Rating **	M	Issue No.	**1215**
LM End	**2.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252948 °	37.252948 °
				-120.794352 °	-120.794352 °
DWR ID	19818				

Comment Code

Inspector Comment

DS_ID:19818
FS_ID:39464
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.9 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.61)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39464_66354.jpg

View of waterward side.

LM Start	**2.53**	Rating **	M	Issue No.	**1215 (cont)**
LM End	**2.53**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39464_66357.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**2.53**	Rating **	M	Issue No.	**1215 (cont)**
LM End	**2.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252948 °	37.252948 °
				-120.794352 °	-120.794352 °
DWR ID	19818				

Photo 3 of 3 : UCIP_SP_2020_39464_66356.jpg

CMP riser, concrete headwall, and pipe visible on waterward side.

LM Start	**2.54**	Rating **	M	Issue No.	**76**
LM End	**2.54**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252874 °	37.252874 °
				-120.794192 °	-120.794192 °
DWR ID	DWR_NA0010_06_f _ 2016_76				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are several rodent burrows in the landside slope at this location.

Photo 1 of 1 : SP_2020_NA0010_124_76_20200225_00024.jpg

Representative view of rodent burrow found at this section. (Fall 2018)

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

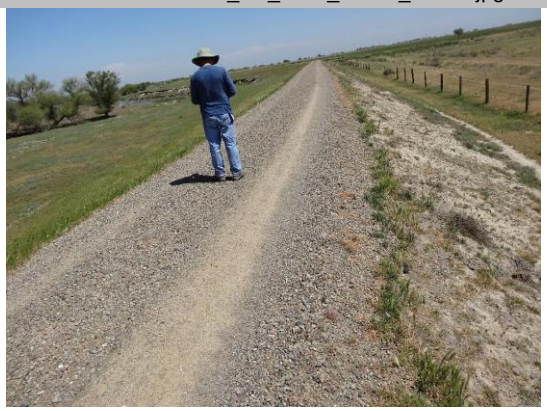
LM Start	**2.57**	Rating **	M	Issue No.	**1216**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252743 °	37.252743 °
				-120.793756 °	-120.793756 °
DWR ID	19819				

Comment Code

Inspector Comment

DS_ID:19819
FS_ID:36568
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.65)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36568_66362.jpg



Overview of levee crown at crossing.

LM Start	**2.57**	Rating **	M	Issue No.	**1216 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36568_66360.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**2.57**	Rating **	M	Issue No.	**1216 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252743 °	37.252743 °
				-120.793756 °	-120.793756 °
DWR ID	19819				

Photo 3 of 3 : UCIP_SP_2020_36568_66359.jpg

View of concrete headwall, flap gate, and concrete apron located on waterward side.

LM Start	**2.77**	Rating **	M	Issue No.	**1217**
LM End	**2.77**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253020 °	37.253020 °
				-120.790219 °	-120.790219 °
DWR ID	19820				

Comment Code

Inspector Comment

DS_ID:19820
FS_ID:36569
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.85)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36569_66369.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

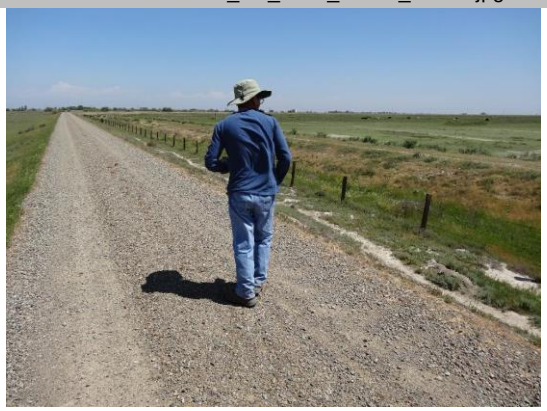
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**2.77**	Rating **	M	Issue No.	**1217 (cont)**
LM End	**2.77**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253020 °	37.253020 °
				-120.790219 °	-120.790219 °
DWR ID	19820				

Photo 2 of 3 : UCIP_SP_2020_36569_66368.jpg



Overview of levee crown at crossing.

LM Start	**2.77**	Rating **	M	Issue No.	**1217 (cont)**
LM End	**2.77**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36569_66372.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.01**	Rating **	M	Issue No.	**1218**
LM End	**3.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253811 °	37.253811 °
				-120.786059 °	-120.786059 °
DWR ID	19821				

Comment Code

Inspector Comment

DS_ID:19821
FS_ID:36583
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.09)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36583_66381.jpg

View of waterward side.

LM Start	**3.01**	Rating **	M	Issue No.	**1218 (cont)**
LM End	**3.01**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36583_66380.jpg

Flap gate and concrete headwall visible on waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.01**	Rating **	M	Issue No.	**1218 (cont)**
LM End	**3.01**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253811 °	37.253811 °
				-120.786059 °	-120.786059 °
DWR ID	19821				

Photo 3 of 3 : UCIP_SP_2020_36583_66383.jpg

View of landward side.

LM Start	**3.18**	Rating **	M	Issue No.	**71**
LM End	**3.40**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.253664 °	37.251962 °
				-120.782917 °	-120.779604 °
DWR ID	DWR_NA0010_06_s _ 2020_71				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

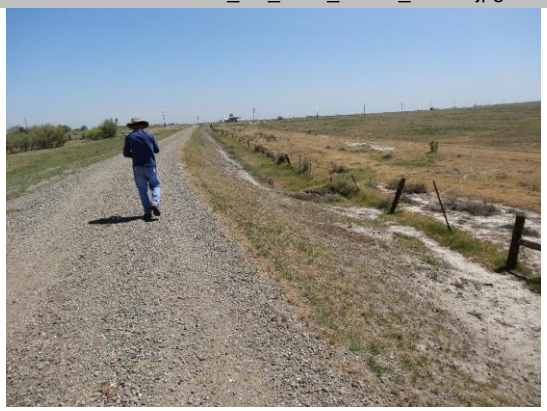
LM Start	**3.21**	Rating **	M	Issue No.	**1219**
LM End	**3.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

Comment Code

Inspector Comment

DS_ID:19822
FS_ID:36584
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on waterward slope and landward toe (headwall blocked by dense vegetation). Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.29)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36584_66384.jpg



Overview of levee crown and landward side.

LM Start	**3.21**	Rating **	M	Issue No.	**1219 (cont)**
LM End	**3.21**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36584_66386.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.21**	Rating **	M	Issue No.	**1219 (cont)**
LM End	**3.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253513 °	37.253513 °
				-120.782509 °	-120.782509 °
DWR ID	19822				

Photo 3 of 3 : UCIP_SP_2020_36584_66385.jpg

Crossing goes through the levee at an angle. Flap gate visible on waterward side.

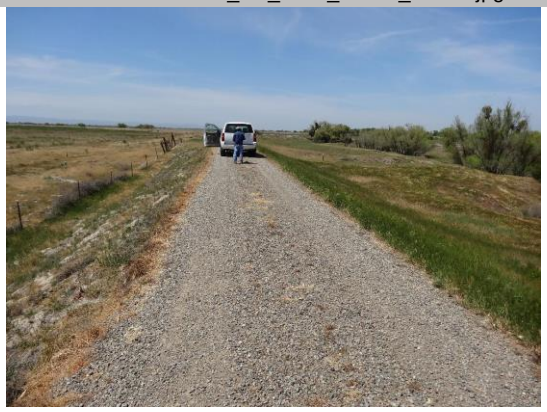
LM Start	**3.38**	Rating **	M	Issue No.	**1220**
LM End	**3.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252152 °	37.252152 °
				-120.779969 °	-120.779969 °
DWR ID	19823				

Comment Code

Inspector Comment

DS_ID:19823
FS_ID:36585
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Alignment of crossing unknown--altered crossing. No headwall found on landward side only siphon breaker found a short distance from landward toe. Tall grass observed on waterward slope and some burrow activity also noticed. Need to contact owner to determine alignment of crossing and status of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 15.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Bench mark (BM) stamped 9770-152 on top of the WS headwall. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.43)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36585_66389.jpg



Overview of levee crown at crossing.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.38**	Rating **	M	Issue No.	**1220 (cont)**
LM End	**3.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252152 °	37.252152 °
				-120.779969 °	-120.779969 °
DWR ID	19823				

Photo 2 of 3 : UCIP_SP_2020_36585_66390.jpg

Flap gate and concrete headwall visible on waterward side.

LM Start	**3.38**	Rating **	M	Issue No.	**1220 (cont)**
LM End	**3.38**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36585_66391.jpg

View of landward side. No signs of concrete headwall only siphon breaker visible on landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

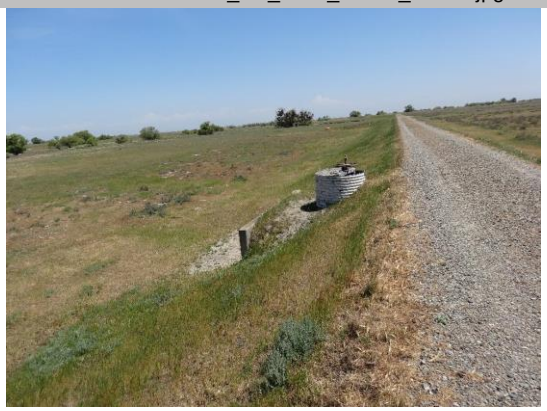
LM Start	**3.47**	Rating **	M	Issue No.	**1222**
LM End	**3.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251687 °	37.251687 °
				-120.778534 °	-120.778534 °
DWR ID	19825				

Comment Code

Inspector Comment

DS_ID:19825
FS_ID:39465
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Sediment buildup inside pipe visible from landward side. Excess soil is also present on landward toe partially blocking concrete headwall and inlet. Recommend removing soil from landward toe and clear buildup inside. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.8 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on each end. Pipe connects to a 30-inch steel drainage pipe on the WS. Drainage pipe extends to the pump on the WS on a support platform in the channel. (Extension drainage pipe and pump installed under Permit No. 12527, 1979 - Joseph Gallo). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.54)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39465_66394.jpg



View of waterward side--cmp riser and concrete headwall visible.

LM Start	**3.47**	Rating **	M	Issue No.	**1222 (cont)**
LM End	**3.47**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39465_66395.jpg

Inside view of cmp riser located on waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

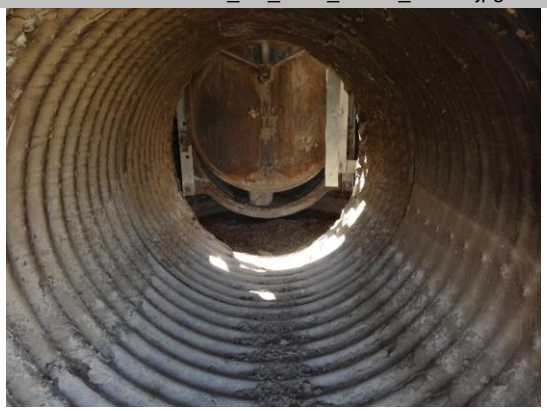
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.47**	Rating **	M	Issue No.	**1222 (cont)**
LM End	**3.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251687 °	37.251687 °
				-120.778534 °	-120.778534 °
DWR ID	19825				

Photo 3 of 3 : UCIP_SP_2020_39465_66397.jpg



Inside view of pipe from waterward side.

LM Start	**3.49**	Rating **	M	Issue No.	**67**
LM End	**3.49**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251602 °	37.251602 °
				-120.778118 °	-120.778118 °
DWR ID	DWR_NA0010_06_f _ 2017_67				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_67_20200225_00015.jpg

Looking east at the landside slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.69**	Rating **	M	Issue No.	**1223**
LM End	**3.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251199 °	37.251199 °
				-120.774474 °	-120.774474 °
DWR ID	19826				

Comment Code

Inspector Comment

DS_ID:19826
FS_ID:39466
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.77)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39466_66413.jpg

View of waterward side.

LM Start	**3.69**	Rating **	M	Issue No.	**1223 (cont)**
LM End	**3.69**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39466_66412.jpg

View of landward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.69**	Rating **	M	Issue No.	**1223 (cont)**
LM End	**3.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251199 °	37.251199 °
				-120.774474 °	-120.774474 °
DWR ID	19826				

Photo 3 of 3 : UCIP_SP_2020_39466_66411.jpg

View of flap gate visible on waterward side.

LM Start	**3.74**	Rating **	M	Issue No.	**62**
LM End	**3.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.251159 °	37.249856 °
				-120.773580 °	-120.770196 °
DWR ID	DWR_NA0010_06_s _ 2020_62				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.89**	Rating **	M	Issue No.	**1224**
LM End	**3.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250742 °	37.250742 °
				-120.771026 °	-120.771026 °
DWR ID	19827				

Comment Code

Inspector Comment

DS_ID:19827
FS_ID:39467
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Sediment buildup inside crossing and is visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.97)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39467_66407.jpg

View of waterward side.

LM Start	**3.89**	Rating **	M	Issue No.	**1224 (cont)**
LM End	**3.89**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39467_66406.jpg

Slide gate inside CMP riser visible on waterward slope.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**3.89**	Rating **	M	Issue No.	**1224 (cont)**
LM End	**3.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250742 °	37.250742 °
				-120.771026 °	-120.771026 °
DWR ID	19827				

Photo 3 of 3 : UCIP_SP_2020_39467_66410.jpg

Inside view of CMP riser located on waterward side.

LM Start	**4.09**	Rating **	M	Issue No.	**1225**
LM End	**4.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248353 °	37.248353 °
				-120.768922 °	-120.768922 °
DWR ID	19828				

Comment Code

Inspector Comment

DS_ID:19828
FS_ID:36606
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.17)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36606_66418.jpg

View of waterward side.

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

Flood Control Project Maintenance
Levee Inspections

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

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.09**	Rating **	M	Issue No.	**1225 (cont)**
LM End	**4.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.248353 °	37.248353 °
				-120.768922 °	-120.768922 °
DWR ID	19828				

Photo 2 of 3 : UCIP_SP_2020_36606_66417.jpg

Overview of levee crown at crossing.

LM Start	**4.09**	Rating **	M	Issue No.	**1225 (cont)**
LM End	**4.09**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36606_66416.jpg

Concrete hedwall visible on landward side.

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

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.33**	Rating **	M	Issue No.	**1226**
LM End	**4.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.246459 °	37.246459 °
				-120.765470 °	-120.765470 °
DWR ID	19829				

Comment Code

Inspector Comment

DS_ID:19829
FS_ID:36607
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe condition on landward toe--headwall blocked by dense vegetation. Recommend removing vegetation from landward toe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.41)].
FS Date: 4/18/2014

Photo 1 of 2 : UCIP_SP_2020_36607_66422.jpg

View of waterward side--concrete headwall and flap gate visible.

LM Start	**4.33**	Rating **	M	Issue No.	**1226 (cont)**
LM End	**4.33**	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_36607_66421.jpg

View of landward side--concrete headwall visible through dense vegetation.

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

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.54**	Rating **	M	Issue No.	**91**
LM End	**8.64**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.244754 °	37.211394 °
				-120.762350 °	-120.706691 °
DWR ID	DWR_NA0010_06_s _ 2020_91				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

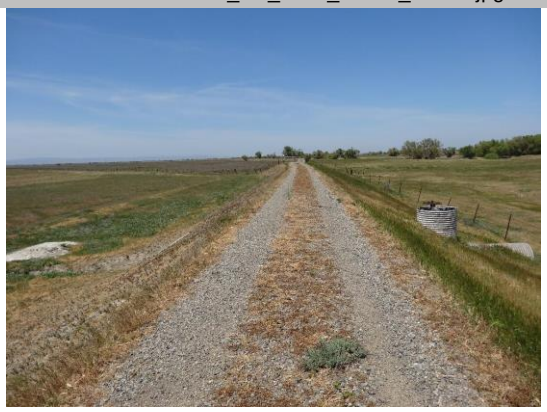
LM Start	**4.62**	Rating **	M	Issue No.	**1227**
LM End	**4.62**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243946 °	37.243946 °
				-120.761296 °	-120.761296 °
DWR ID	19830				

Comment Code

Inspector Comment

DS_ID:19830
FS_ID:39468
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Sediment buildup inside crossing visible from landward side. Recommend clearing sediment buildup inside pipe and check wall integrity to determine condition. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 6.9 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.70)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39468_66425.jpg



Overview of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.62**	Rating **	M	Issue No.	**1227 (cont)**
LM End	**4.62**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243946 °	37.243946 °
				-120.761296 °	-120.761296 °
DWR ID	19830				

Photo 2 of 3 : UCIP_SP_2020_39468_66426.jpg

Inside view of CMP riser located on waterward.

LM Start	**4.62**	Rating **	M	Issue No.	**1227 (cont)**
LM End	**4.62**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39468_66424.jpg

Inside view of pipe from waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.67**	Rating **	M	Issue No.	**1228**
LM End	**4.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °
				-120.760564 °	-120.760564 °
DWR ID	19831				

Comment Code

Inspector Comment

DS_ID:19831
FS_ID:36609
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend removing tall grass on landward toe to determine condition of crossing from landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.75)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36609_66433.jpg

View of waterward side.

LM Start	**4.67**	Rating **	M	Issue No.	**1228 (cont)**
LM End	**4.67**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36609_66432.jpg

Flap gate, concrete headwall and apron visible on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.67**	Rating **	M	Issue No.	**1228 (cont)**
LM End	**4.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.243408 °	37.243408 °
				-120.760564 °	-120.760564 °
DWR ID	19831				

Photo 3 of 3 : UCIP_SP_2020_36609_66431.jpg

View of landward side.

LM Start	**4.86**	Rating **	M	Issue No.	**1229**
LM End	**4.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242024 °	37.242024 °
				-120.757602 °	-120.757602 °
DWR ID	19862				

Comment Code

Inspector Comment

DS_ID:19862
FS_ID:36610
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along waterward slope to conduct proper inspection of structure. Also recommend removing dense vegetation blocking landward headwall. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 4.94)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36610_66436.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**4.86**	Rating **	M	Issue No.	**1229 (cont)**
LM End	**4.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.242024 °	37.242024 °
				-120.757602 °	-120.757602 °
DWR ID	19862				

Photo 2 of 3 : UCIP_SP_2020_36610_66438.jpg

View of flap gate, concrete headwall and apron located on waterward side.

LM Start	**4.86**	Rating **	M	Issue No.	**1229 (cont)**
LM End	**4.86**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36610_66437.jpg

Close up of flap gate located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**5.26**	Rating **	M	Issue No.	**1230**
LM End	**5.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.239098 °	37.239098 °
				-120.751774 °	-120.751774 °
DWR ID	19863				

Comment Code

Inspector Comment

DS_ID:19863
FS_ID:39875
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Clear vegetation from waterward slope and landward headwall. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.34)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39875_61599.jpg

View of waterward side.

LM Start	**5.26**	Rating **	M	Issue No.	**1230 (cont)**
LM End	**5.26**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39875_61598.jpg

Overview of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**5.26**	Rating **	M	Issue No.	**1230 (cont)**
LM End	**5.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.239098 °	37.239098 °
				-120.751774 °	-120.751774 °
DWR ID	19863				

Photo 3 of 3 : UCIP_SP_2020_39875_61597.jpg

View of landward side.

LM Start	**5.55**	Rating **	M	Issue No.	**1231**
LM End	**5.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238610 °	37.238610 °
				-120.746591 °	-120.746591 °
DWR ID	19864				

Comment Code

Inspector Comment

DS_ID:19864
FS_ID:36611
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Also recommend removing excess vegetation at landward headwall. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.63)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36611_66441.jpg

Concrete headwall and flap gate visible on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**5.55**	Rating **	M	Issue No.	**1231 (cont)**
LM End	**5.55**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.238610 °	37.238610 °
				-120.746591 °	-120.746591 °
DWR ID	19864				

Photo 2 of 3 : UCIP_SP_2020_36611_66440.jpg

View of waterward side--dense vegetation covers slope.

LM Start	**5.55**	Rating **	M	Issue No.	**1231 (cont)**
LM End	**5.55**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36611_66439.jpg

View of landward side.

LM Start	**5.81**	Rating **	M	Issue No.	**66**
LM End	**5.81**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.238189 °	37.238189 °
				-120.741946 °	-120.741946 °
DWR ID	DWR_NA0010_06_f _ 2017_66				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is damage to the landside slope and shoulder from livestock.

Photo 1 of 1 : SP_2020_NA0010_124_66_20200225_00013.jpg

View of damage to landside slope from livestock traffic looking downstream. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

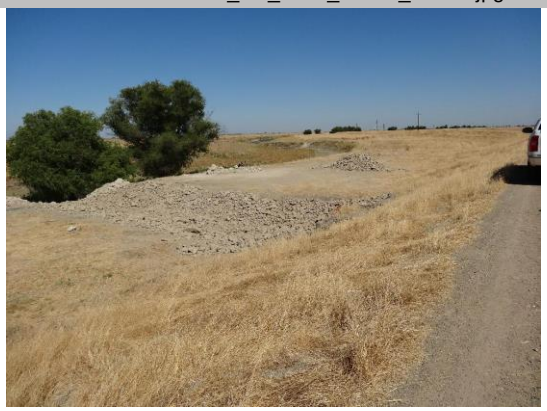
LM Start	**5.98**	Rating **	A/W	Issue No.	**1232**
LM End	**5.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.236414 °	37.236414 °
				-120.739735 °	-120.739735 °
DWR ID	19865				

Comment Code

Inspector Comment

DS_ID:19865
FS_ID:51312
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 7/19/2016 Site has been repaired on WS and LS (see photos below). (DWR UCIP - omagana)5/26/2016 Erosion is undermining the WS headwall of drainage structure (photos of WS headwall provided by DWR Inspector R. Willoughby). Potential pipe failure at the outlet just behind headwall, recommend completing internal wall integrity of pipe length through levee to determine extent of damage to pipe. (DWR UCIP - omagana)4/18/2014 Need to contact owner. Sediment buildup in pipe visible on landside--recommend clearing. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.06)].
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2020_51312_75493.jpg



View of WS--rock protection along drainage path.

LM Start	**5.98**	Rating **	A/W	Issue No.	**1232 (cont)**
LM End	**5.98**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_51312_75488.jpg

WS drainage path protected by rip rap.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**5.98**	Rating **	A/W	Issue No.	**1232 (cont)**
LM End	**5.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.236414 °	37.236414 °
				-120.739735 °	-120.739735 °
DWR ID	19865				

Photo 3 of 3 : UCIP_SP_2020_51312_75489.jpg

Inside view of pipe from WS.

LM Start	**6.06**	Rating **	M	Issue No.	**22**
LM End	**6.06**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235777 °	37.235777 °
				-120.738598 °	-120.738598 °
DWR ID	DWR_NA0010_06_s _ 2012_22				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**6.09**	Rating **	M	Issue No.	**21**
LM End	**6.09**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235623 °	37.235623 °
				-120.738017 °	-120.738017 °
DWR ID	DWR_NA0010_06_s _ 2012_21				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**6.09**	Rating **	M	Issue No.	**85**
LM End	**6.09**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235572 °	37.235572 °
				-120.738002 °	-120.738002 °
DWR ID	DWR_NA0010_06_f _ 2018_85				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Livestock damage to slope and shoulder of levee.

Photo 1 of 1 : SP_2020_NA0010_124_85_20200225_00032.jpg

View of livestock damage on waterside slope. (Fall 2018)

LM Start	**6.10**	Rating **	A/W	Issue No.	**84**
LM End	**6.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.235570 °	37.235570 °
				-120.737998 °	-120.737998 °
DWR ID	DWR_NA0010_06_f _ 2018_84				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage to slope and crown from livestock.

Photo 1 of 1 : SP_2020_NA0010_124_84_20200225_00031.jpg

Erosion to slope and into crown from livestock. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**6.70**	Rating **	A/W	Issue No.	**1233**
LM End	**6.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.230508 °	37.230508 °
				-120.729634 °	-120.729634 °
DWR ID	19866				

Comment Code

Inspector Comment

DS_ID:19866
FS_ID:33984
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete saddle and apron on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.79)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_33984_61628.jpg

Slide gate inside CMP riser and pipe visible on waterward side.

LM Start	**6.70**	Rating **	A/W	Issue No.	**1233 (cont)**
LM End	**6.70**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33984_61627.jpg

Concrete headwall visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**6.70**	Rating **	A/W	Issue No.	**1233 (cont)**
LM End	**6.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.230508 °	37.230508 °
				-120.729634 °	-120.729634 °
DWR ID	19866				

Photo 3 of 3 : UCIP_SP_2020_33984_61626.jpg

Inside view pipe from waterward side.

LM Start	**6.89**	Rating **	A/W	Issue No.	**1234**
LM End	**6.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228253 °	37.228253 °
				-120.727865 °	-120.727865 °
DWR ID	19867				

Comment Code

Inspector Comment

DS_ID:19867
FS_ID:33985
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 6.97)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_33985_61640.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**6.89**	Rating **	A/W	Issue No.	**1234 (cont)**
LM End	**6.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.228253 °	37.228253 °
				-120.727865 °	-120.727865 °
DWR ID	19867				

Photo 2 of 3 : UCIP_SP_2020_33985_61639.jpg

Concrete headwall and CMP riser visible on waterward side.

LM Start	**6.89**	Rating **	A/W	Issue No.	**1234 (cont)**
LM End	**6.89**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33985_61638.jpg

View of landward side.

LM Start	**6.92**	Rating **	A/W	Issue No.	**79**
LM End	**6.92**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.228054 °	37.228054 °
				-120.727428 °	-120.727428 °
DWR ID	DWR_NA0010_06_f _ 2018_79				

Comment Code
A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment
There is livestock damage to slope and shoulder of levee.

Photo 1 of 1 : SP_2020_NA0010_124_79_20200225_00025.jpg

Damage to slope and shoulder from livestock. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**7.10**	Rating **	M	Issue No.	**7**
LM End	**7.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.226675 °	37.226675 °
				-120.724498 °	-120.724498 °
DWR ID	DWR_NA0010_06_s _ 2012_7				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**7.21**	Rating **	M	Issue No.	**1235**
LM End	**7.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °
				-120.722739 °	-120.722739 °
DWR ID	19868				

Comment Code

Inspector Comment

DS_ID:19868
FS_ID:39471
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Clear animal from waterward side. Some sediment buildup in pipe visible landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.29)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39471_61650.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**7.21**	Rating **	M	Issue No.	**1235 (cont)**
LM End	**7.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.226102 °	37.226102 °
				-120.722739 °	-120.722739 °
DWR ID	19868				

Photo 2 of 3 : UCIP_SP_2020_39471_61649.jpg

Concrete headwall and flap gate visible on waterward side. Dead animal inside pipe.

LM Start	**7.21**	Rating **	M	Issue No.	**1235 (cont)**
LM End	**7.21**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39471_61648.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**7.66**	Rating **	M	Issue No.	**1236**
LM End	**7.66**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222743 °	37.222743 °
				-120.716416 °	-120.716416 °
DWR ID	19869				

Comment Code

Inspector Comment

DS_ID:19869
FS_ID:39472
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Some sediment buildup in pipe visible on landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. Skewed crossing. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 7.74)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39472_66462.jpg

View of waterward side.

LM Start	**7.66**	Rating **	M	Issue No.	**1236 (cont)**
LM End	**7.66**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39472_66461.jpg

Pipe crossses levee at an angle.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**7.66**	Rating **	M	Issue No.	**1236 (cont)**
LM End	**7.66**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.222743 °	37.222743 °
				-120.716416 °	-120.716416 °
DWR ID	19869				

Photo 3 of 3 : UCIP_SP_2020_39472_66460.jpg

Concrete headwall and flap gate visible on waterward side.

LM Start	**7.66**	Rating **	A/W	Issue No.	**74**
LM End	**7.66**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.222689 °	37.222689 °
				-120.716400 °	-120.716400 °
DWR ID	DWR_NA0010_06_f _ 2018_74				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage to levee slope from livestock access.

Photo 1 of 1 : SP_2020_NA0010_124_74_20200225_00023.jpg

Slope damage from livestock. (Fall 2018)

LM Start	**8.08**	Rating **	A/W	Issue No.	**65**
LM End	**8.08**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.217199 °	37.217199 °
				-120.713374 °	-120.713374 °
DWR ID	DWR_NA0010_06_f _ 2017_65				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Livestock damage to levee slope.

Photo 1 of 1 : SP_2020_NA0010_124_65_20200225_00012.jpg

Looking southwest at the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**8.13**	Rating **	M	Issue No.	**1237**
LM End	**8.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.216547 °	37.216547 °
				-120.713000 °	-120.713000 °
DWR ID	19870				

Comment Code

Inspector Comment

DS_ID:19870
FS_ID:39473
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Sediment buildup in pipe--recommend contacting owner to clear sediment. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.21)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39473_61674.jpg

View of waterward side.

LM Start	**8.13**	Rating **	M	Issue No.	**1237 (cont)**
LM End	**8.13**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39473_61673.jpg

Pipe crosses levee at an angle.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**8.13**	Rating **	M	Issue No.	**1237 (cont)**
LM End	**8.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.216547 °	37.216547 °
				-120.713000 °	-120.713000 °
DWR ID	19870				

Photo 3 of 3 : UCIP_SP_2020_39473_61672.jpg

Concrete headwall and flap gate visible on waterward side.

LM Start	**8.32**	Rating **	M	Issue No.	**89**
LM End	**8.32**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.214273 °	37.214273 °
				-120.711100 °	-120.711100 °
DWR ID	DWR_NA0010_06_f _ 2019_89				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Erosion from livestock traffic both sides of the levee.

Photo 1 of 1 : SP_2020_NA0010_124_89_20200225_00036.jpg

View of damage to the waterside slope looking upstream. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**8.43**	Rating **	M	Issue No.	**1238**
LM End	**8.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.213288 °	37.213288 °
				-120.709503 °	-120.709503 °
DWR ID	19871				

Comment Code

Inspector Comment

DS_ID:19871
FS_ID:39474
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Sediment buildup in pipe visible on landward side--recommend clearing. Good candidate for pressure test or video inspection due to signs of heavy corrosion. If no leaks after tests this crossing would be a good candidate for rehabilitation. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.51)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39474_61685.jpg

View of waterward side.

LM Start	**8.43**	Rating **	M	Issue No.	**1238 (cont)**
LM End	**8.43**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39474_61684.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**8.43**	Rating **	M	Issue No.	**1238 (cont)**
LM End	**8.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.213288 °	37.213288 °
				-120.709503 °	-120.709503 °
DWR ID	19871				

Photo 3 of 3 : UCIP_SP_2020_39474_61683.jpg

Pipe crosses levee at an angle.

LM Start	**9.24**	Rating **	M	Issue No.	**96**
LM End	**11.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.205112 °	37.186710 °
				-120.699063 °	-120.675012 °
DWR ID	DWR_NA0010_06_s _ 2020_96				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**9.50**	Rating **	U	Issue No.	**150**
LM End	**19.22**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202577 °	37.113708 °
				-120.695517 °	-120.588220 °
DWR ID	DWR_NA0010_06_s _ 2020_150				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_150_20200508_00212.jpg

View of vegetation on the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**11.13**	Rating **	U	Issue No.	**153**
LM End	**16.40**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.186694 °	37.149837 °
				-120.674965 °	-120.607734 °
DWR ID	DWR_NA0010_06_s _ 2020_153				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_153_20200508_00213.jpg

View of the landside slope looking downstream. (Spring 2020)

LM Start	**11.49**	Rating **	M	Issue No.	**14**
LM End	**11.49**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.186189 °	37.186189 °
				-120.668476 °	-120.668476 °
DWR ID	DWR_NA0010_06_s _ 2015_14				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Almond tree located along Sandy Mush Road on waterside slope.

Photo 1 of 1 : SP_2020_NA0010_124_14_20200225_00010.jpg

Looking west at tree on waterward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**11.74**	Rating **	M	Issue No.	**1248**
LM End	**11.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.185513 °	37.185513 °
				-120.664561 °	-120.664561 °
DWR ID	19876				

Comment Code

Inspector Comment

DS_ID:19876
FS_ID:39476
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Clear debris from waterward and landward toes. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 17 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 11.82)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_39476_66488.jpg

View of waterward side.

LM Start	**11.74**	Rating **	M	Issue No.	**1248 (cont)**
LM End	**11.74**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39476_66487.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**11.74**	Rating **	M	Issue No.	**1248 (cont)**
LM End	**11.74**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.185513 °	37.185513 °
				-120.664561 °	-120.664561 °
DWR ID	19876				

Photo 3 of 3 : UCIP_SP_2020_39476_66486.jpg

Slide gate inside CMP riser located on waterward slope.

LM Start	**13.22**	Rating **	M	Issue No.	**1249**
LM End	**13.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171675 °	37.171675 °
				-120.655064 °	-120.655064 °
DWR ID	19877				

Comment Code

Inspector Comment

DS_ID:19877
FS_ID:39477
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.30)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_39477_66492.jpg

View of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**13.22**	Rating **	M	Issue No.	**1249 (cont)**
LM End	**13.22**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.171675 °	37.171675 °
				-120.655064 °	-120.655064 °
DWR ID	19877				

Photo 2 of 3 : UCIP_SP_2020_39477_66494.jpg

View of waterward slope.

LM Start	**13.22**	Rating **	M	Issue No.	**1249 (cont)**
LM End	**13.22**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39477_66495.jpg

Inside view of CMP riser located on waterward slope.

LM Start	**13.70**	Rating **	M	Issue No.	**98**
LM End	**15.08**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.171633 °	37.161387 °
				-120.646295 °	-120.626546 °
DWR ID	DWR_NA0010_06_f _ 2019_98				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**14.36**	Rating **	M	Issue No.	**1250**
LM End	**14.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				

Comment Code

Inspector Comment

DS_ID:19878
FS_ID:39478
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Not accessible--crossing is buried on landward side. Need to contact owner to determine status. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 14.44)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_39478_66496.jpg

View of waterward slope.

LM Start	**14.36**	Rating **	M	Issue No.	**1250 (cont)**
LM End	**14.36**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39478_66497.jpg

View of pipe daylight, flap gate, and concrete headwall visible on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**14.36**	Rating **	M	Issue No.	**1250 (cont)**
LM End	**14.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.167888 °	37.167888 °
				-120.636419 °	-120.636419 °
DWR ID	19878				

Photo 3 of 3 : UCIP_SP_2020_39478_66498.jpg

View of landward slope.

LM Start	**14.63**	Rating **	M	Issue No.	**101**
LM End	**14.64**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.164871 °	37.164824 °
				-120.633222 °	-120.633167 °
DWR ID	DWR_NA0010_06_f _ 2018_101				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Burrows are located along landside shoulder.

Photo 1 of 1 : SP_2020_NA0010_124_101_20200225_00046.jpg

View of rodent hole on landside shoulder. (Fall 2018)

LM Start	**15.46**	Rating **	M	Issue No.	**124**
LM End	**15.70**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.158920 °	37.157217 °
				-120.620232 °	-120.618915 °
DWR ID	DWR_NA0010_06_s _ 2012_124				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**15.68**	Rating **	M	Issue No.	**1251**
LM End	**15.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156934 °	37.156934 °
				-120.617210 °	-120.617210 °
DWR ID	19884				

Comment Code

Inspector Comment

DS_ID:19884
FS_ID:39480
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Need to contact owner. Sediment buildup on both the waterward and landward side. Recommend removing sediment buildup from both side. Also recommend clearing excess sediment inside crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.76)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_39480_66507.jpg

Flap gate buried halfway on waterward side.

LM Start	**15.68**	Rating **	M	Issue No.	**1251 (cont)**
LM End	**15.68**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39480_66506.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**15.68**	Rating **	M	Issue No.	**1251 (cont)**
LM End	**15.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.156934 °	37.156934 °
				-120.617210 °	-120.617210 °
DWR ID	19884				

Photo 3 of 3 : UCIP_SP_2020_39480_66505.jpg

Overview of levee crown at crossing.

LM Start	**15.82**	Rating **	M	Issue No.	**1252**
LM End	**15.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °
				-120.615303 °	-120.615303 °
DWR ID	19885				

Comment Code

Inspector Comment

DS_ID:19885
FS_ID:36663
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Need to contact owner to determine status of crossing. Waterward side is buried and not accessible. Landward side headwall is blocked by dense vegetation. Recommend confirming status of flap gate on waterward side and removing dense vegetation form landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 16.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 15.91)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_36663_66530.jpg

View of waterward side, Photo 1 of 3.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**15.82**	Rating **	M	Issue No.	**1252 (cont)**
LM End	**15.82**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.155539 °	37.155539 °
				-120.615303 °	-120.615303 °
DWR ID	19885				

Photo 2 of 3 : UCIP_SP_2020_36663_66526.jpg

View of waterward side, photo 2 of 3.

LM Start	**15.82**	Rating **	M	Issue No.	**1252 (cont)**
LM End	**15.82**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36663_66529.jpg

View of waterward side, photo 3 of 3.

LM Start	**16.16**	Rating **	M	Issue No.	**154**
LM End	**16.39**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.152251 °	37.149948 °
				-120.610768 °	-120.607828 °
DWR ID	DWR_NA0010_06_s _ 2020_154				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**16.40**	Rating **	M	Issue No.	**152**
LM End	**16.56**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.149837 °	37.147942 °
				-120.607734 °	-120.605963 °
DWR ID	DWR_NA0010_06_s _ 2020_152				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**16.57**	Rating **	U	Issue No.	**151**
LM End	**19.22**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.147889 °	37.113707 °
				-120.605914 °	-120.588220 °
DWR ID	DWR_NA0010_06_s _ 2020_151				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_151_20200508_00214.jpg

Looking downstream along the landside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**18.20**	Rating **	M	Issue No.	**1254**
LM End	**18.20**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.127773 °	37.127773 °
				-120.590809 °	-120.590809 °
DWR ID	19887				

Comment Code

Inspector Comment

DS_ID:19887
FS_ID:39876
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Sediment build up on landward side toe -- debris blockage. No photos available. Recommend taking photos of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.27)].
FS Date: 4/17/2014

No Photos

LM Start	**18.89**	Rating **	M	Issue No.	**1256**
LM End	**18.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.118178 °	37.118178 °
				-120.586783 °	-120.586783 °
DWR ID	19889				

Comment Code

Inspector Comment

DS_ID:19889
FS_ID:36687
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 18.97)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_36687_66579.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**18.89**	Rating **	M	Issue No.	**1256 (cont)**
LM End	**18.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.118178 °	37.118178 °
				-120.586783 °	-120.586783 °
DWR ID	19889				

Photo 2 of 3 : UCIP_SP_2020_36687_66582.jpg

Inside view of CMP riser located on waterward slope.

LM Start	**18.89**	Rating **	M	Issue No.	**1256 (cont)**
LM End	**18.89**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36687_66581.jpg

Pipe daylight on waterward side.

LM Start	**19.14**	Rating **	U	Issue No.	**1211**
LM End	**19.14**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.114793 °	37.114793 °
				-120.587582 °	-120.587582 °
DWR ID	DWR_NA0010_06_s _ 2015_1211				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several large rodent holes with more than 2 cubic feet of material were noted on the waterside slope.

Photo 1 of 1 : SP_2020_NA0010_124_1211_20200225_00075.jpg

Looking at several rodent holes on waterward slope. (Fall 2015)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**19.22**	Rating **	M	Issue No.	**143**
LM End	**27.56**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.113707 °	37.037955 °
				-120.588220 °	-120.485153 °
DWR ID	DWR_NA0010_06_s _ 2020_143				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**19.28**	Rating **	M	Issue No.	**1257**
LM End	**19.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °
				-120.588751 °	-120.588751 °
DWR ID	19890				

Comment Code

Inspector Comment

DS_ID:19890
FS_ID:36688
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 20 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. Riprap along the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.36)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_36688_66583.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**19.28**	Rating **	M	Issue No.	**1257 (cont)**
LM End	**19.28**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.112902 °	37.112902 °
				-120.588751 °	-120.588751 °
DWR ID	19890				

Photo 2 of 3 : UCIP_SP_2020_36688_66584.jpg

Riser located on waterward slope.

LM Start	**19.28**	Rating **	M	Issue No.	**1257 (cont)**
LM End	**19.28**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36688_66586.jpg

View of landward slope.

LM Start	**19.48**	Rating **	M	Issue No.	**111**
LM End	**19.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.112556 °	37.112556 °
				-120.586921 °	-120.586921 °
DWR ID	DWR_NA0010_06_f _ 2019_111				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**19.94**	Rating **	M	Issue No.	**1258**
LM End	**19.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °
				-120.579102 °	-120.579102 °
DWR ID	19891				

Comment Code

Inspector Comment

DS_ID:19891
FS_ID:36689
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/17/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 30-inch by 30-inch reinforced concrete box gravity drainage culvert through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 19.85)].
FS Date: 4/17/2014

Photo 1 of 3 : UCIP_SP_2020_36689_66591.jpg

Overview of levee crown looking downstream.

LM Start	**19.94**	Rating **	M	Issue No.	**1258 (cont)**
LM End	**19.94**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36689_66592.jpg

View of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**19.94**	Rating **	M	Issue No.	**1258 (cont)**
LM End	**19.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.113304 °	37.113304 °
				-120.579102 °	-120.579102 °
DWR ID	19891				

Photo 3 of 3 : UCIP_SP_2020_36689_66590.jpg

View of "U" concrete headwall located on waterward side.

LM Start	**20.57**	Rating **	M	Issue No.	**149**
LM End	**20.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.113295 °	37.111134 °
				-120.567552 °	-120.561462 °
DWR ID	DWR_NA0010_06_s _ 2020_149				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**20.79**	Rating **	M	Issue No.	**1209**
LM End	**21.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.113107 °	37.109735 °
				-120.563782 °	-120.560079 °
DWR ID	DWR_NA0010_06_s _ 2015_1209				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Erosion on landside slope greater than 3 inches. Erosion caused by livestock.

Photo 1 of 1 : SP_2020_NA0010_124_1209_20200508_00215.jpg

Erosion on the landside slope from livestock activity. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**21.39**	Rating **	M	Issue No.	**114**
LM End	**21.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.106397 °	37.106397 °
				-120.556727 °	-120.556727 °
DWR ID	DWR_NA0010_06_f _ 2019_114				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_114_20200508_00216.jpg

View of rodent burrows on the landside slope. (Spring 2020)

LM Start	**21.63**	Rating **	M	Issue No.	**148**
LM End	**22.30**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.103732 °	37.096260 °
				-120.554029 °	-120.546345 °
DWR ID	DWR_NA0010_06_s _ 2020_148				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**21.71**	Rating **	M	Issue No.	**107**
LM End	**21.78**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.102844 °	37.102002 °
				-120.553160 °	-120.552314 °
DWR ID	DWR_NA0010_06_f _ 2018_107				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Erosion into levee prism due to livestock activities.

Photo 1 of 1 : SP_2020_NA0010_124_107_20200225_00050.jpg

View of erosion in landside levee prism. (Spring 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**22.41**	Rating **	M	Issue No.	**86**
LM End	**22.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.094969 °	37.094479 °
				-120.544964 °	-120.544435 °
DWR ID	DWR_NA0010_06_f _ 2017_86				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Erosion greater than 3 inches on landside slope caused by livestock.

Photo 1 of 1 : SP_2020_NA0010_124_86_20200225_00033.jpg

Looking northwest at the landside slope.

LM Start	**22.87**	Rating **	M	Issue No.	**117**
LM End	**22.87**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.089954 °	37.089954 °
				-120.539535 °	-120.539535 °
DWR ID	DWR_NA0010_06_f _ 2019_117				

Comment Code

DE : Debris

Inspector Comment

Large block of concrete left on the landside toe.

Photo 1 of 1 : SP_2020_NA0010_124_117_20200225_00059.jpg

Large concrete block left on the landside toe. (Fall 2019)

LM Start	**23.07**	Rating **	M	Issue No.	**147**
LM End	**24.11**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.087758 °	37.076429 °
				-120.537147 °	-120.524885 °
DWR ID	DWR_NA0010_06_s _ 2020_147				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**24.51**	Rating **	U	Issue No.	**5**
LM End	**25.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.072048 °	37.066501 °
				-120.520180 °	-120.514193 °
DWR ID	DWR_NA0010_06_s _ 2012_5				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Landside erosion and slope instability caused by livestock extends into levee crown. At the worst locations erosion extends 2.5 feet to 3 feet from the shoulder into the crown.

Photo 1 of 1 : SP_2020_NA0010_124_5_20200225_00007.jpg

Looking north at livestock erosion into landward shoulder. (Spring 2018)

LM Start	**25.06**	Rating **	M	Issue No.	**146**
LM End	**26.07**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.065997 °	37.054885 °
				-120.513614 °	-120.501627 °
DWR ID	DWR_NA0010_06_s _ 2020_146				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**26.13**	Rating **	M	Issue No.	**1208**
LM End	**26.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.054222 °	37.054222 °
				-120.500862 °	-120.500862 °
DWR ID	DWR_NA0010_06_s _ 2015_1208				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Noted several rodent holes next to and within rock revetment on landside slope.

Photo 1 of 1 : SP_2020_NA0010_124_1208_20200225_00071.jpg

Rodent holes on landward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**26.15**	Rating **	M	Issue No.	**144**
LM End	**27.50**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.054088 °	37.038736 °
				-120.500671 °	-120.485749 °
DWR ID	DWR_NA0010_06_s _ 2020_144				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	**26.79**	Rating **	M	Issue No.	**145**
LM End	**27.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.047527 °	37.040157 °
				-120.492528 °	-120.486840 °
DWR ID	DWR_NA0010_06_s _ 2020_145				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**27.43**	Rating **	M	Issue No.	**3**
LM End	**27.99**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.036955 °	37.032762 °
				-120.484395 °	-120.481078 °
DWR ID	DWR_NA0010_06_s _ 2012_3				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Landside erosion and slope instability caused by livestock. Erosion greater than 3" in depth on landside slope. Levee crown has narrowed within this reach.

Photo 1 of 1 : SP_2020_NA0010_124_3_20200225_00003.jpg

Loking south along landside slope. (Spring 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**27.88**	Rating **	M	Issue No.	**141**
LM End	**31.30**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.034051 °	37.015320 °
				-120.482160 °	-120.433227 °
DWR ID	DWR_NA0010_06_s _ 2020_141				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**28.47**	Rating **	C	Issue No.	**122**
LM End	**28.47**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			37.029933 °	37.029933 °
				-120.473445 °	-120.473445 °
DWR ID	DWR_NA0010_06_f _ 2019_122				

Comment Code

Inspector Comment

The gate has sheared off the top hinge and should be replaced.

No Photos

LM Start	**28.47**	Rating **	M	Issue No.	**19**
LM End	**28.53**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.029937 °	37.029977 °
				-120.473384 °	-120.472266 °
DWR ID	DWR_NA0010_06_s _ 2015_19				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent burrows are also on the crown.

Photo 1 of 1 : SP_2020_NA0010_124_19_20200225_00011.jpg

View of rodent burrow in the levee crown. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**28.95**	Rating **	M	Issue No.	**126**
LM End	**28.95**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030155 °	37.030155 °
				-120.464738 °	-120.464738 °
DWR ID	DWR_NA0010_06_f _ 2019_126				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**29.61**	Rating **	M	Issue No.	**132**
LM End	**29.61**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.030452 °	37.030452 °
				-120.452836 °	-120.452836 °
DWR ID	DWR_NA0010_06_f _ 2019_132				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**29.94**	Rating **	M	Issue No.	**142**
LM End	**30.71**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.030615 °	37.022894 °
				-120.446802 °	-120.438430 °
DWR ID	DWR_NA0010_06_s _ 2020_142				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**30.81**	Rating **	M	Issue No.	**1207**
LM End	**31.06**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.021615 °	37.018428 °
				-120.437587 °	-120.435378 °
DWR ID	DWR_NA0010_06_s _ 2015_1207				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Landside erosion greater than 1" in depth and greater than 3" in length. Erosion is caused by livestock traffic.

Photo 1 of 1 : SP_2020_NA0010_124_1207_20200225_00069.jpg

Looking northeast at livestock erosion on landward slope.

LM Start	**30.99**	Rating **	M	Issue No.	**139**
LM End	**32.49**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.019258 °	37.002024 °
				-120.435931 °	-120.420035 °
DWR ID	DWR_NA0010_06_s _ 2020_139				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_139_20200508_00217.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**31.10**	Rating **	C	Issue No.	**2**
LM End	**31.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.017955 °	37.017955 °
				-120.435017 °	-120.435017 °
DWR ID	DWR_NA0010_06_s _ 2012_2				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**31.14**	Rating **	U	Issue No.	**82**
LM End	**31.14**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.017445 °	37.017445 °
				-120.434713 °	-120.434713 °
DWR ID	DWR_NA0010_06_f _ 2017_82				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_82_20200225_00028.jpg

Looking east at the waterside slope.

LM Start	**31.30**	Rating **	C	Issue No.	**135**
LM End	**31.30**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.015310 °	37.015310 °
				-120.433233 °	-120.433233 °
DWR ID	DWR_NA0010_06_f _ 2019_135				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**31.31**	Rating **	U	Issue No.	**140**
LM End	**32.49**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.015208 °	37.002024 °
				-120.433151 °	-120.420036 °
DWR ID	DWR_NA0010_06_s _ 2020_140				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_140_20200508_00218.jpg

View of vegetation on the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**32.00**	Rating **	U	Issue No.	**81**
LM End	**32.00**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.007007 °	37.007007 °
				-120.426179 °	-120.426179 °
DWR ID	DWR_NA0010_06_f _ 2017_81				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_81_20200225_00027.jpg

Looking west at the landside slope.

LM Start	**32.49**	Rating **	M	Issue No.	**138**
LM End	**34.32**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.002024 °	36.982206 °
				-120.420036 °	-120.397971 °
DWR ID	DWR_NA0010_06_s _ 2020_138				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**32.62**	Rating **	M	Issue No.	**129**
LM End	**32.88**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.000645 °	36.997745 °
				-120.418415 °	-120.415197 °
DWR ID	DWR_NA0010_06_s _ 2019_129				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage from livestock. Damage is beginning to erode into levee crown.

Photo 1 of 1 : SP_2020_NA0010_124_129_20200225_00064.jpg

Erosion from animal activity along the landside slope. (Spring 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**32.80**	Rating **	M	Issue No.	**133**
LM End	**34.32**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.998644 °	36.982206 °
				-120.416187 °	-120.397971 °
DWR ID	DWR_NA0010_06_s _ 2020_133				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**34.32**	Rating **	U	Issue No.	**123**
LM End	**36.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.982206 °	36.974336 °
				-120.397971 °	-120.363620 °
DWR ID	DWR_NA0010_06_s _ 2020_123				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_123_20200508_00219.jpg

Looking upstream along the landside slope. (Spring 2020)

LM Start	**34.32**	Rating **	U	Issue No.	**78**
LM End	**36.46**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.982206 °	36.974271 °
				-120.397971 °	-120.363462 °
DWR ID	DWR_NA0010_06_s _ 2020_78				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_124_78_20200508_00220.jpg

View of the waterside slope looking downstream. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Bypass	Left	36.47	04/22/2020 04/23/2020	Corey Fujitani

LM Start	**36.27**	Rating **	M	Issue No.	**137**
LM End	**36.38**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.974431 °	36.974440 °
				-120.366852 °	-120.364784 °
DWR ID	DWR_NA0010_06_s _ 2020_137				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.00**	Rating **	U	Issue No.	**25**
LM End	**0.18**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.255568 °	37.256443 °
				-120.772349 °	-120.769316 °
DWR ID	DWR_NA0010_07_s _ 2020_25				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_25_20200508_00048.jpg

View of vegetation on the landside slope. (Spring 2020)

LM Start	**0.00**	Rating **	M	Issue No.	**26**
LM End	**0.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.255568 °	37.261143 °
				-120.772349 °	-120.763485 °
DWR ID	DWR_NA0010_07_s _ 2020_26				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_26_20200508_00049.jpg

Looking upstream along the waterside slope. (Spring 2020)

LM Start	**0.00**	Rating **	M	Issue No.	**27**
LM End	**2.10**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.255568 °	37.259147 °
				-120.772349 °	-120.742466 °
DWR ID	DWR_NA0010_07_s _ 2020_27				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_27_20200508_00050.jpg

View of vegetation along the levee crown. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.07**	Rating **	M	Issue No.	**34**
LM End	**0.07**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255897 °	37.255897 °
				-120.771127 °	-120.771127 °
DWR ID	19892				

Comment Code

Inspector Comment

DS_ID:19892
FS_ID:49966
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/20/2016 Inlet blocked off by wooden board. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along WS and LS. Crossing downgraded from Urgent to Non-Urgent. (DWR UCIP - omagana)04/15/2014 Flapgate partially blocked by soil buildup at WS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.07)].
FS Date: 7/20/2016

Photo 1 of 3 : UCIP_SP_2020_49966_60954.jpg

Pipe and headwall at WS toe.

LM Start	**0.07**	Rating **	M	Issue No.	**34 (cont)**
LM End	**0.07**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_49966_60955.jpg

Pipe, headwall, and flapgate at WS toe. Soil buildup partially blocking flapgate.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.07**	Rating **	M	Issue No.	**34 (cont)**
LM End	**0.07**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255897 °	37.255897 °
				-120.771127 °	-120.771127 °
DWR ID	19892				

Photo 3 of 3 : UCIP_SP_2020_49966_60953.jpg

Pipe and headwall at LS toe.

LM Start	**0.18**	Rating **	M	Issue No.	**28**
LM End	**0.69**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256450 °	37.261143 °
				-120.769302 °	-120.763486 °
DWR ID	DWR_NA0010_07_s _ 2020_28				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.24**	Rating **	M	Issue No.	**29**
LM End	**0.50**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.256936 °	37.258722 °
				-120.768472 °	-120.764867 °
DWR ID	DWR_NA0010_07_s _ 2012_29				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes were noted on the landside and waterside slope and shoulder.

Photo 1 of 1 : SP_2020_NA0010_125_29_20200225_00013.jpg

Looking north at landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.33**	Rating **	A/W	Issue No.	**35**
LM End	**0.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257691 °	37.257691 °
				-120.767203 °	-120.767203 °
DWR ID	19893				

Comment Code

Inspector Comment

DS_ID:19893
FS_ID:33712
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.33)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33712_60958.jpg

Pipe and headwall on WS toe.

LM Start	**0.33**	Rating **	A/W	Issue No.	**35 (cont)**
LM End	**0.33**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33712_60957.jpg

Pipe, headwall, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.33**	Rating **	A/W	Issue No.	**35 (cont)**
LM End	**0.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257691 °	37.257691 °
				-120.767203 °	-120.767203 °
DWR ID	19893				

Photo 3 of 3 : UCIP_SP_2020_33712_60959.jpg

Pipe and headwall on LS toe.

LM Start	**0.49**	Rating **	M	Issue No.	**36**
LM End	**0.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258543 °	37.258543 °
				-120.764728 °	-120.764728 °
DWR ID	19894				

Comment Code

Inspector Comment

DS_ID:19894
FS_ID:33713
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/15/2014 Slide gate not operable, but left in closed position. Need to reinstall covers over slide gate standpipe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the landside (LS) slope. Concrete U-shaped headwall on the LS end. Inlet channel cobble revetted. Dilapidated wooden pier on the waterside (WS). WS slope and outlet ditch cobble revetted. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.49)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33713_60963.jpg

Slide gate in CMP riser on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.49**	Rating **	M	Issue No.	**36 (cont)**
LM End	**0.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258543 °	37.258543 °
				-120.764728 °	-120.764728 °
DWR ID	19894				

Photo 2 of 3 : UCIP_SP_2020_33713_60965.jpg

Outlet on WS slope.

LM Start	**0.49**	Rating **	M	Issue No.	**36 (cont)**
LM End	**0.49**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33713_60964.jpg

Pipe and headwall on LS toe.

LM Start	**0.53**	Rating **	A/W	Issue No.	**18**
LM End	**0.53**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259097 °	37.259097 °
				-120.764846 °	-120.764846 °
DWR ID	DWR_NA0010_07_f _ 2018_18				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is livestock damage to the landside slope.

Photo 1 of 1 : SP_2020_NA0010_125_18_20200225_00009.jpg

View of damage from livestock looking upstream. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.53**	Rating **	A/W	Issue No.	**37**
LM End	**0.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259163 °	37.259163 °
				-120.764860 °	-120.764860 °
DWR ID	19895				

Comment Code

Inspector Comment

DS_ID:19895
FS_ID:33723
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall with a wooden weir at the inlet on the landside (LS) toe. Concrete U-shaped headwall on the WS toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.53)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33723_60981.jpg

Headwall and flapgate on WS toe.

LM Start	**0.53**	Rating **	A/W	Issue No.	**37 (cont)**
LM End	**0.53**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33723_60983.jpg

Flapgate on concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.53**	Rating **	A/W	Issue No.	**37 (cont)**
LM End	**0.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.259163 °	37.259163 °
				-120.764860 °	-120.764860 °
DWR ID	19895				

Photo 3 of 3 : UCIP_SP_2020_33723_60982.jpg

Headwall, pipe, and wier on LS toe.

LM Start	**0.69**	Rating **	U	Issue No.	**31**
LM End	**0.93**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.261143 °	37.263795 °
				-120.763485 °	-120.760751 °
DWR ID	DWR_NA0010_07_s _ 2020_31				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_31_20200508_00051.jpg

View of the waterside slope looking upstream. (Spring 2020)

LM Start	**0.69**	Rating **	U	Issue No.	**30**
LM End	**3.59**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.261143 °	37.254693 °
				-120.763485 °	-120.720173 °
DWR ID	DWR_NA0010_07_s _ 2020_30				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_30_20200508_00052.jpg

view of vegetation on the landside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.70**	Rating **	M	Issue No.	**19**
LM End	**0.70**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261337 °	37.261337 °
				-120.763303 °	-120.763303 °
DWR ID	DWR_NA0010_07_f _ 2018_19				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is livestock damage to the landside slope.

Photo 1 of 1 : SP_2020_NA0010_125_19_20200225_00011.jpg

Damage to landside slope from livestock. (Fall 2018)

LM Start	**0.85**	Rating **	M	Issue No.	**38**
LM End	**0.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262981 °	37.262981 °
				-120.761703 °	-120.761703 °
DWR ID	19896				

Comment Code

Inspector Comment

DS_ID:19896
FS_ID:39507
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/15/2014 Need to contact owner. Heavy sediment buildup at inlet due to animal activity should be cleared. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.8 feet below the crown. Flap gate on the waterside (WS) end. Wooden weir on concrete headwall at the landside (LS) toe. 36-inch concrete riser at the LS toe. Concrete U-shaped headwall on the WS end. Concrete standpipe on the LS. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.85)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_39507_60986.jpg

Headwall and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.85**	Rating **	M	Issue No.	**38 (cont)**
LM End	**0.85**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262981 °	37.262981 °
				-120.761703 °	-120.761703 °
DWR ID	19896				

Photo 2 of 3 : UCIP_SP_2020_39507_60988.jpg

Headwall and flapgate on WS toe.

LM Start	**0.85**	Rating **	M	Issue No.	**38 (cont)**
LM End	**0.85**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39507_60987.jpg

Concrete riser, concrete headwall, weir, and pipe at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.94**	Rating **	A/W	Issue No.	**39**
LM End	**0.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263950 °	37.263950 °
				-120.760572 °	-120.760572 °
DWR ID	19897				

Comment Code

Inspector Comment

DS_ID:19897
FS_ID:33725
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.94)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33725_60991.jpg

Concrete headwall and flapgate at WS toe.

LM Start	**0.94**	Rating **	A/W	Issue No.	**39 (cont)**
LM End	**0.94**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33725_60993.jpg

Concrete headwall and flapgate at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.94**	Rating **	A/W	Issue No.	**39 (cont)**
LM End	**0.94**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263950 °	37.263950 °
				-120.760572 °	-120.760572 °
DWR ID	19897				

Photo 3 of 3 : UCIP_SP_2020_33725_60992.jpg

Concrete headwall and pipe on LS toe.

LM Start	**0.95**	Rating **	M	Issue No.	**33**
LM End	**2.99**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.264020 °	37.251968 °
				-120.760473 °	-120.729970 °
DWR ID	DWR_NA0010_07_s _ 2020_33				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.17**	Rating **	A/W	Issue No.	**40**
LM End	**1.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.264421 °	37.264421 °
				-120.756683 °	-120.756683 °
DWR ID	19898				

Comment Code

Inspector Comment

DS_ID:19898
FS_ID:33726
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.17)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33726_60996.jpg

Pipe, flapgate, and headwall on WS toe.

LM Start	**1.17**	Rating **	A/W	Issue No.	**40 (cont)**
LM End	**1.17**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33726_60995.jpg

Flapgate at headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.17**	Rating **	A/W	Issue No.	**40 (cont)**
LM End	**1.17**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.264421 °	37.264421 °
				-120.756683 °	-120.756683 °
DWR ID	19898				

Photo 3 of 3 : UCIP_SP_2020_33726_60997.jpg

Pipe and headwall on LS toe.

LM Start	**1.22**	Rating **	M	Issue No.	**1**
LM End	**1.22**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.264387 °	37.264387 °
				-120.755805 °	-120.755805 °
DWR ID	DWR_NA0010_07_f _ 2012_1				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Borrows observed in the landside slope and berm.

Photo 1 of 1 : SP_2020_NA0010_125_1_20200225_00001.jpg

Looking north at several rodent holes on landward slope.

LM Start	**1.49**	Rating **	A/W	Issue No.	**16**
LM End	**1.49**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263999 °	37.263999 °
				-120.750854 °	-120.750854 °
DWR ID	DWR_NA0010_07_f _ 2017_16				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Repair slope damaged by animal traffic.

Photo 1 of 1 : SP_2020_NA0010_125_16_20200225_00007.jpg

Looking east at landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.50**	Rating **	M	Issue No.	**6**
LM End	**1.51**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263955 °	37.263885 °
				-120.750751 °	-120.750527 °
DWR ID	DWR_NA0010_07_s _ 2014_6				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_6_20200225_00003.jpg

Looking at typical view of rodent holes within this section. (Spring 2018)

LM Start	**1.50**	Rating **	A/W	Issue No.	**41**
LM End	**1.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263917 °	37.263917 °
				-120.750694 °	-120.750694 °
DWR ID	19902				

Comment Code

Inspector Comment

DS_ID:19902
FS_ID:33727
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.51)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33727_61001.jpg

Pipe, headwall and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.50**	Rating **	A/W	Issue No.	**41 (cont)**
LM End	**1.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263917 °	37.263917 °
				-120.750694 °	-120.750694 °
DWR ID	19902				

Photo 2 of 3 : UCIP_SP_2020_33727_61003.jpg

Pipe, headwall and flapgate on WS toe.

LM Start	**1.50**	Rating **	A/W	Issue No.	**41 (cont)**
LM End	**1.50**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33727_61002.jpg

Headwall and pipe on LS toe.

LM Start	**1.71**	Rating **	M	Issue No.	**5**
LM End	**1.72**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.262570 °	37.262467 °
				-120.747453 °	-120.747180 °
DWR ID	DWR_NA0010_07_s _ 2013_5				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.85**	Rating **	C	Issue No.	**20**
LM End	**1.85**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.261671 °	37.261671 °
				-120.745115 °	-120.745115 °
DWR ID	DWR_NA0010_07_f _ 2018_20				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

LM Start	**1.90**	Rating **	M	Issue No.	**21**
LM End	**1.90**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261379 °	37.261379 °
				-120.744228 °	-120.744228 °
DWR ID	DWR_NA0010_07_f _ 2018_21				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_21_20200225_00012.jpg

Slope damage from livestock. (Fall 2018)

LM Start	**2.09**	Rating **	M	Issue No.	**12**
LM End	**2.09**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.259187 °	37.259187 °
				-120.742551 °	-120.742551 °
DWR ID	DWR_NA0010_07_f _ 2018_12				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent activity is noted next to the fence post.

Photo 1 of 1 : SP_2020_NA0010_125_12_20200225_00005.jpg

Looking east at rodent hole next to fence post on landward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.48**	Rating **	A/W	Issue No.	**42**
LM End	**2.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255803 °	37.255803 °
				-120.737246 °	-120.737246 °
DWR ID	19899				

Comment Code

Inspector Comment

DS_ID:19899
FS_ID:33728
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.48)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33728_61006.jpg

Headwall and flapgate on WS toe.

LM Start	**2.48**	Rating **	A/W	Issue No.	**42 (cont)**
LM End	**2.48**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33728_61008.jpg

Concrete headwall and flapgate at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.48**	Rating **	A/W	Issue No.	**42 (cont)**
LM End	**2.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.255803 °	37.255803 °
				-120.737246 °	-120.737246 °
DWR ID	19899				

Photo 3 of 3 : UCIP_SP_2020_33728_61007.jpg

Concrete headwall and pipe on LS toe.

LM Start	**2.63**	Rating **	A/W	Issue No.	**43**
LM End	**2.63**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.254832 °	37.254832 °
				-120.734918 °	-120.734918 °
DWR ID	19900				

Comment Code

Inspector Comment

DS_ID:19900
FS_ID:33729
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.64)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_33729_61011.jpg

Concrete headwall and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.63**	Rating **	A/W	Issue No.	**43 (cont)**
LM End	**2.63**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.254832 °	37.254832 °
				-120.734918 °	-120.734918 °
DWR ID	19900				

Photo 2 of 3 : UCIP_SP_2020_33729_61010.jpg

Concrete headwall and flapgate on WS toe.

LM Start	**2.63**	Rating **	A/W	Issue No.	**43 (cont)**
LM End	**2.63**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_33729_61012.jpg

Concrete headwall and pipe at LS toe.

LM Start	**2.99**	Rating **	U	Issue No.	**32**
LM End	**3.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.251958 °	37.254693 °
				-120.729933 °	-120.720173 °
DWR ID	DWR_NA0010_07_s _ 2020_32				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_125_32_20200508_00053.jpg

Looking upstream along the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.09**	Rating **	M	Issue No.	**44**
LM End	**3.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °
				-120.728264 °	-120.728264 °
DWR ID	19901				

Comment Code

Inspector Comment

DS_ID:19901
FS_ID:39508
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/15/2014 Some sediment buildup at landward toe and inside pipe--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.09)].
FS Date: 4/15/2014

Photo 1 of 3 : UCIP_SP_2020_39508_61016.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**3.09**	Rating **	M	Issue No.	**44 (cont)**
LM End	**3.09**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39508_61015.jpg

Headwall, pipe, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek Bypass	Right	3.62	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.09**	Rating **	M	Issue No.	**44 (cont)**
LM End	**3.09**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.251883 °	37.251883 °
				-120.728264 °	-120.728264 °
DWR ID	19901				

Photo 3 of 3 : UCIP_SP_2020_39508_61017.jpg

Headwall and pipe on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.23**	Rating **	A/W	Issue No.	**36**
LM End	**0.23**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °
				-120.767873 °	-120.767873 °
DWR ID	19903				

Comment Code

Inspector Comment

DS_ID:19903
FS_ID:33751
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.23)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_33751_61068.jpg

Headwall and flapgate on WS toe.

LM Start	**0.23**	Rating **	A/W	Issue No.	**36 (cont)**
LM End	**0.23**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33751_61067.jpg

Headwall and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.23**	Rating **	A/W	Issue No.	**36 (cont)**
LM End	**0.23**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.256092 °	37.256092 °
				-120.767873 °	-120.767873 °
DWR ID	19903				

Photo 3 of 3 : UCIP_SP_2020_33751_61069.jpg

Concrete headwall on LS toe.

LM Start	**0.43**	Rating **	M	Issue No.	**15**
LM End	**0.43**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.257019 °	37.257019 °
				-120.764488 °	-120.764488 °
DWR ID	DWR_NA0010_08_s _ 2016_15				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.57**	Rating **	A/W	Issue No.	**37**
LM End	**0.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258604 °	37.258604 °
				-120.763588 °	-120.763588 °
DWR ID	19904				

Comment Code

Inspector Comment

DS_ID:19904
FS_ID:33752
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.57)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_33752_61073.jpg

Pipe, flapgate and headwall on WS toe.

LM Start	**0.57**	Rating **	A/W	Issue No.	**37 (cont)**
LM End	**0.57**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33752_61072.jpg

Pipe, flapgate and headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.57**	Rating **	A/W	Issue No.	**37 (cont)**
LM End	**0.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258604 °	37.258604 °
				-120.763588 °	-120.763588 °
DWR ID	19904				

Photo 3 of 3 : UCIP_SP_2020_33752_61074.jpg

Pipe and headwall on LS toe.

LM Start	**0.58**	Rating **	M	Issue No.	**35**
LM End	**0.87**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258718 °	37.262161 °
				-120.763561 °	-120.760987 °
DWR ID	DWR_NA0010_08_s _ 2020_35				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.58**	Rating **	M	Issue No.	**34**
LM End	**1.09**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.258718 °	37.263304 °
				-120.763561 °	-120.757608 °
DWR ID	DWR_NA0010_08_s _ 2020_34				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.72**	Rating **	A/W	Issue No.	**38**
LM End	**0.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260306 °	37.260306 °
				-120.762127 °	-120.762127 °
DWR ID	19905				

Comment Code

Inspector Comment

DS_ID:19905
FS_ID:33753
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.72)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_33753_61078.jpg

Headwall and flapgate at WS toe.

LM Start	**0.72**	Rating **	A/W	Issue No.	**38 (cont)**
LM End	**0.72**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33753_61080.jpg

Headwall and flapgate at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.72**	Rating **	A/W	Issue No.	**38 (cont)**
LM End	**0.72**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.260306 °	37.260306 °
				-120.762127 °	-120.762127 °
DWR ID	19905				

Photo 3 of 3 : UCIP_SP_2020_33753_61079.jpg

Concrete headwall on LS toe.

LM Start	**0.90**	Rating **	M	Issue No.	**39**
LM End	**0.90**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262384 °	37.262384 °
				-120.760528 °	-120.760528 °
DWR ID	19832				

Comment Code

Inspector Comment

DS_ID:19832
FS_ID:39887
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Some sediment buildup at inlet on LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.89)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39887_61084.jpg

Headwall, pipe, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.90**	Rating **	M	Issue No.	**39 (cont)**
LM End	**0.90**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.262384 °	37.262384 °
				-120.760528 °	-120.760528 °
DWR ID	19832				

Photo 2 of 3 : UCIP_SP_2020_39887_61083.jpg

Headwall, pipe, and flapgate on WS toe.

LM Start	**0.90**	Rating **	M	Issue No.	**39 (cont)**
LM End	**0.90**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39887_61085.jpg

Pipe and headwall on LS toe.

LM Start	**1.20**	Rating **	M	Issue No.	**2**
LM End	**1.20**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263182 °	37.263183 °
				-120.755650 °	-120.755637 °
DWR ID	DWR_NA0010_08_s _ 2012_2				

Comment Code
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_2_20200225_00001.jpg

Looking south at the landside shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.21**	Rating **	M	Issue No.	**28**
LM End	**1.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263179 °	37.263179 °
				-120.755444 °	-120.755444 °
DWR ID	DWR_NA0010_08_f _ 2019_28				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_28_20200225_00011.jpg

View of slope damage on the landside of the levee looking upstream. (Fall 2019)

LM Start	**1.21**	Rating **	M	Issue No.	**40**
LM End	**1.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °
				-120.755399 °	-120.755399 °
DWR ID	19833				

Comment Code

Inspector Comment

DS_ID:19833
FS_ID:39509
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Debris blocking landward headwall--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.21)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39509_61090.jpg

Concrete headwall, pipe, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.21**	Rating **	M	Issue No.	**40 (cont)**
LM End	**1.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263188 °	37.263188 °
				-120.755399 °	-120.755399 °
DWR ID	19833				

Photo 2 of 3 : UCIP_SP_2020_39509_61091.jpg

Concrete headwall, pipe, and flapgate on WS toe.

LM Start	**1.21**	Rating **	M	Issue No.	**40 (cont)**
LM End	**1.21**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39509_61089.jpg

Pipe and headwall on LS toe.

LM Start	**1.32**	Rating **	M	Issue No.	**21**
LM End	**1.32**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263143 °	37.263143 °
				-120.753366 °	-120.753366 °
DWR ID	DWR_NA0010_08_f _ 2018_21				

Comment Code
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.
Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.38**	Rating **	M	Issue No.	**8**
LM End	**1.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.263175 °	37.263175 °
				-120.752307 °	-120.752307 °
DWR ID	DWR_NA0010_08_s _ 2013_8				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_8_20200225_00005.jpg

Looking west at rodent holes on landward slope.

LM Start	**1.38**	Rating **	M	Issue No.	**41**
LM End	**1.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263194 °	37.263194 °
				-120.752299 °	-120.752299 °
DWR ID	19834				

Comment Code

Inspector Comment

DS_ID:19834
FS_ID:39510
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Animal burrows along pipe alignment on LS. Some sediment buildup at LS toe and inside pipe--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.38)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39510_61094.jpg

Pipe, headwall, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.38**	Rating **	M	Issue No.	**41 (cont)**
LM End	**1.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.263194 °	37.263194 °
				-120.752299 °	-120.752299 °
DWR ID	19834				

Photo 2 of 3 : UCIP_SP_2020_39510_61093.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**1.38**	Rating **	M	Issue No.	**41 (cont)**
LM End	**1.38**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39510_61095.jpg

Animal burrows along alignement on LS slope.

LM Start	**1.61**	Rating **	M	Issue No.	**1**
LM End	**1.61**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.261842 °	37.261842 °
				-120.748510 °	-120.748510 °
DWR ID	DWR_NA0010_08_s _ 2012_1				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**1.81**	Rating **	M	Issue No.	**26**
LM End	**1.81**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.260673 °	37.260673 °
				-120.745290 °	-120.745290 °
DWR ID	DWR_NA0010_08_f _ 2019_26				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

No Photos

LM Start	**1.91**	Rating **	M	Issue No.	**33**
LM End	**2.24**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.259498 °	37.256586 °
				-120.744435 °	-120.740201 °
DWR ID	DWR_NA0010_08_s _ 2020_33				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.01**	Rating **	A/W	Issue No.	**5**
LM End	**3.18**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.258410 °	37.251737 °
				-120.743412 °	-120.726246 °
DWR ID	DWR_NA0010_08_s _ 2016_5				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

A depression is noted on the levee crown.

Photo 1 of 1 : SP_2020_NA0010_126_5_20200225_00004.jpg

Looking west at depression on toward landward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.05**	Rating **	M	Issue No.	**42**
LM End	**2.05**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °
				-120.742868 °	-120.742868 °
DWR ID	19835				

Comment Code

Inspector Comment

DS_ID:19835
FS_ID:39511
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Non-functional landward inlet is buried in sediment. Need to contact owner to determine status. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.05)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39511_61098.jpg

Pipe, headwall, and flapgate on Ws toe.

LM Start	**2.05**	Rating **	M	Issue No.	**42 (cont)**
LM End	**2.05**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39511_61099.jpg

Pipe and headwall burried in sediment at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.05**	Rating **	M	Issue No.	**42 (cont)**
LM End	**2.05**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.258220 °	37.258220 °
				-120.742868 °	-120.742868 °
DWR ID	19835				

Photo 3 of 3 : UCIP_SP_2020_39511_61097.jpg

Pipe and headwall burried in sediment at LS toe.

LM Start	**2.07**	Rating **	M	Issue No.	**25**
LM End	**2.07**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258059 °	37.258059 °
				-120.742451 °	-120.742451 °
DWR ID	DWR_NA0010_08_f _ 2019_25				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**2.07**	Rating **	M	Issue No.	**22**
LM End	**2.07**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258076 °	37.258076 °
				-120.742439 °	-120.742439 °
DWR ID	DWR_NA0010_08_f _ 2018_22				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is damage to the slope and shoulder from livestock.

Photo 1 of 1 : SP_2020_NA0010_126_22_20200225_00008.jpg

Slope and shoulder damage from livestock. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.12**	Rating **	M	Issue No.	**43**
LM End	**2.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257800 °	37.257800 °
				-120.741604 °	-120.741604 °
DWR ID	19836				

Comment Code

Inspector Comment

DS_ID:19836
FS_ID:39512
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 Sediment buildup in pipe visible from landward side. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.12)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39512_61102.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**2.12**	Rating **	M	Issue No.	**43 (cont)**
LM End	**2.12**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39512_61100.jpg

Pipe, headwall, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.12**	Rating **	M	Issue No.	**43 (cont)**
LM End	**2.12**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.257800 °	37.257800 °
				-120.741604 °	-120.741604 °
DWR ID	19836				

Photo 3 of 3 : UCIP_SP_2020_39512_61101.jpg

Pipe and headwall on LS toe.

LM Start	**2.24**	Rating **	U	Issue No.	**31**
LM End	**3.60**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256560 °	37.253897 °
				-120.740162 °	-120.719185 °
DWR ID	DWR_NA0010_08_s _ 2020_31				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_31_20200508_00048.jpg

Looking downstream along the waterside slope. (Spring 2020)

LM Start	**2.25**	Rating **	M	Issue No.	**32**
LM End	**2.70**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.256458 °	37.252719 °
				-120.739961 °	-120.734129 °
DWR ID	DWR_NA0010_08_s _ 2020_32				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.70**	Rating **	U	Issue No.	**30**
LM End	**3.60**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.252719 °	37.253899 °
				-120.734131 °	-120.719180 °
DWR ID	DWR_NA0010_08_s _ 2020_30				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_30_20200508_00049.jpg

View of vegetation along the landside slope. (Spring 2020)

LM Start	**2.74**	Rating **	A/W	Issue No.	**20**
LM End	**2.74**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.252503 °	37.252503 °
				-120.733282 °	-120.733282 °
DWR ID	DWR_NA0010_08_f _ 2018_20				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is minor erosion to the slope and shoulder.

Photo 1 of 1 : SP_2020_NA0010_126_20_20200225_00007.jpg

Minor erosion to shoulder and slope from livestock. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.77**	Rating **	A/W	Issue No.	**44**
LM End	**2.77**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252228 °	37.252228 °
				-120.732890 °	-120.732890 °
DWR ID	19837				

Comment Code

Inspector Comment

DS_ID:19837
FS_ID:33760
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.77)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_33760_61107.jpg

Pipe, headwall, and flapgate on Ws toe.

LM Start	**2.77**	Rating **	A/W	Issue No.	**44 (cont)**
LM End	**2.77**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33760_61105.jpg

Pipe, headwall, and flapgate on Ws toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**2.77**	Rating **	A/W	Issue No.	**44 (cont)**
LM End	**2.77**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252228 °	37.252228 °
				-120.732890 °	-120.732890 °
DWR ID	19837				

Photo 3 of 3 : UCIP_SP_2020_33760_61106.jpg

Pipe and headwall on LS toe.

LM Start	**3.06**	Rating **	M	Issue No.	**45**
LM End	**3.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250864 °	37.250864 °
				-120.728151 °	-120.728151 °
DWR ID	19838				

Comment Code

Inspector Comment

DS_ID:19838
FS_ID:49969
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 7/20/2016 LS inlet buried under dense vegetation. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the WS and LS slope. Recommend removing vegetation along pipe alignment to conduct prooper inspection of structure and appurtenances. (DWR UCIP - omagana)4/16/2014
Pipe blocked by silt on LS toe. Flapgate rusty and does not operate correctly. (DWR UCIP - wwylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 13.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.06)].
FS Date: 7/20/2016

Photo 1 of 3 : UCIP_SP_2020_49969_61112.jpg

Pipe, headwall, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.06**	Rating **	M	Issue No.	**45 (cont)**
LM End	**3.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.250864 °	37.250864 °
				-120.728151 °	-120.728151 °
DWR ID	19838				

Photo 2 of 3 : UCIP_SP_2020_49969_61113.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**3.06**	Rating **	M	Issue No.	**45 (cont)**
LM End	**3.06**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_49969_61111.jpg

Pipe and headwall on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.24**	Rating **	A/W	Issue No.	**46**
LM End	**3.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252230 °	37.252230 °
				-120.725504 °	-120.725504 °
DWR ID	19839				

Comment Code

Inspector Comment

DS_ID:19839
FS_ID:33764
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.24)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_33764_61128.jpg

Pipe, flapgate, and headwall on WS toe.

LM Start	**3.24**	Rating **	A/W	Issue No.	**46 (cont)**
LM End	**3.24**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_33764_61127.jpg

Pipe, flapgate, and headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.24**	Rating **	A/W	Issue No.	**46 (cont)**
LM End	**3.24**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.252230 °	37.252230 °
				-120.725504 °	-120.725504 °
DWR ID	19839				

Photo 3 of 3 : UCIP_SP_2020_33764_61129.jpg

Pipe and headwall on LS toe.

LM Start	**3.40**	Rating **	M	Issue No.	**3**
LM End	**3.54**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.253052 °	37.253600 °
				-120.722647 °	-120.720198 °
DWR ID	DWR_NA0010_08_s _ 2012_3				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes were noted on landside slope within this reach.

Photo 1 of 1 : SP_2020_NA0010_126_3_20200225_00003.jpg

Looking at typical view of rodent holes on landward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.43**	Rating **	M	Issue No.	**47**
LM End	**3.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °
				-120.722182 °	-120.722182 °
DWR ID	19840				

Comment Code

Inspector Comment

DS_ID:19840
FS_ID:39513
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/16/2014 No access available on landward side. Need to confirm status of crossing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.43)].
FS Date: 4/16/2014

Photo 1 of 3 : UCIP_SP_2020_39513_61134.jpg

Pipe, headwall, and flapgate on WS toe.

LM Start	**3.43**	Rating **	M	Issue No.	**47 (cont)**
LM End	**3.43**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39513_61133.jpg

Pipe, headwall, and flapgate on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek Bypass	Left	3.63	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**3.43**	Rating **	M	Issue No.	**47 (cont)**
LM End	**3.43**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.253151 °	37.253151 °
				-120.722182 °	-120.722182 °
DWR ID	19840				

Photo 3 of 3 : UCIP_SP_2020_39513_61132.jpg

Pipe likely at drainage swale off LS toe.

LM Start	**3.49**	Rating **	M	Issue No.	**19**
LM End	**3.49**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.253403 °	37.253403 °
				-120.721095 °	-120.721095 °
DWR ID	DWR_NA0010_08_f _ 2018_19				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_126_19_20200225_00006.jpg

View of ruts forming in the levee crown. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.08**	Rating **	M	Issue No.	**8**
LM End	**0.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219541 °	37.220420 °
				-120.711974 °	-120.703148 °
DWR ID	DWR_NA0010_09_s _ 2020_8				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.08**	Rating **	U	Issue No.	**7**
LM End	**0.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219541 °	37.220077 °
				-120.711973 °	-120.706242 °
DWR ID	DWR_NA0010_09_s _ 2020_7				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_127_7_20200508_00014.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**0.42**	Rating **	M	Issue No.	**9**
LM End	**0.76**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.220103 °	37.219792 °
				-120.706156 °	-120.700214 °
DWR ID	DWR_NA0010_09_s _ 2020_9				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.47**	Rating **	M	Issue No.	**12**
LM End	**0.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220416 °	37.220416 °
				-120.705248 °	-120.705248 °
DWR ID	19841				

Comment Code

Inspector Comment

DS_ID:19841
FS_ID:39888
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Concrete headwalls on landward and waterward under water. Need photo to confirm condition of concrete headwalls, pipe, and gate on both toes. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 18.7 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.47)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_39888_62119.jpg

Slide gate in CMP riser on WS slope with outlet visible in background.

LM Start	**0.47**	Rating **	M	Issue No.	**12 (cont)**
LM End	**0.47**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39888_62117.jpg

Concrete headwall visible under water on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.47**	Rating **	M	Issue No.	**12 (cont)**
LM End	**0.47**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220416 °	37.220416 °
				-120.705248 °	-120.705248 °
DWR ID	19841				

Photo 3 of 3 : UCIP_SP_2020_39888_62118.jpg

Concrete headwall visible at inlet on LS toe.

LM Start	**0.69**	Rating **	M	Issue No.	**13**
LM End	**0.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219874 °	37.219874 °
				-120.701438 °	-120.701438 °
DWR ID	19842				

Comment Code

Inspector Comment

DS_ID:19842
FS_ID:39515
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Animal burrows in area on LS slope. Minor sediment buildup in pipe visible on landward side--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.70)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_39515_62128.jpg

Headwall, flapgate, and pipe on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.69**	Rating **	M	Issue No.	**13 (cont)**
LM End	**0.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219874 °	37.219874 °
				-120.701438 °	-120.701438 °
DWR ID	19842				

Photo 2 of 3 : UCIP_SP_2020_39515_62132.jpg

Headwall, flapgate, and pipe on WS toe.

LM Start	**0.69**	Rating **	M	Issue No.	**13 (cont)**
LM End	**0.69**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39515_62129.jpg

Headwall and pipe on LS toe.

LM Start	**0.76**	Rating **	U	Issue No.	**10**
LM End	**0.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219793 °	37.220035 °
				-120.700205 °	-120.698451 °
DWR ID	DWR_NA0010_09_s _ 2020_10				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_127_10_20200508_00016.jpg

View of landside slope looking downstream. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.76**	Rating **	U	Issue No.	**11**
LM End	**0.86**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219793 °	37.220035 °
				-120.700205 °	-120.698451 °
DWR ID	DWR_NA0010_09_s _ 2020_11				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_127_11_20200508_00015.jpg

Looking downstream along the waterside slope. (Spring 2020)

LM Start	**0.86**	Rating **	M	Issue No.	**4**
LM End	**0.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.220041 °	37.220041 °
				-120.698425 °	-120.698425 °
DWR ID	DWR_NA0010_09_f _ 2017_4				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_127_4_20200225_00001.jpg

View of slope erosion due to foot traffic. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.87**	Rating **	A/W	Issue No.	**14**
LM End	**0.87**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °
				-120.698374 °	-120.698374 °
DWR ID	19843				

Comment Code

Inspector Comment

DS_ID:19843
FS_ID:34186
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [Crane Irrigation Structure] 24-inch corrugated metal gravity drainage pipe through the levee, 9.7 feet below the crown. Two slide gates in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the landside (LS) end. WS end cobble revetted on the bank and in the outlet drain. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.87)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_34186_62134.jpg

48-inch CMP riser with slide gates on WS slope.

LM Start	**0.87**	Rating **	A/W	Issue No.	**14 (cont)**
LM End	**0.87**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34186_62133.jpg

Inside CMP riser on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Owens Creek Bypass	Right	0.87	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.87**	Rating **	A/W	Issue No.	**14 (cont)**
LM End	**0.87**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.220051 °	37.220051 °
				-120.698374 °	-120.698374 °
DWR ID	19843				

Photo 3 of 3 : UCIP_SP_2020_34186_62137.jpg

Outlet at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.00**	Rating **	U	Issue No.	**7**
LM End	**0.29**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.217793 °	37.219078 °
				-120.711467 °	-120.706747 °
DWR ID	DWR_NA0010_10_s _ 2020_7				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_128_7_20200508_00006.jpg

View of vegetation along the waterside slope. (Spring 2020)

LM Start	**0.00**	Rating **	M	Issue No.	**4**
LM End	**0.76**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.217793 °	37.219258 °
				-120.711467 °	-120.698624 °
DWR ID	DWR_NA0010_10_s _ 2020_4				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_128_4_20200508_00007.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**0.29**	Rating **	M	Issue No.	**6**
LM End	**0.76**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.219079 °	37.219258 °
				-120.706744 °	-120.698624 °
DWR ID	DWR_NA0010_10_s _ 2020_6				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.30**	Rating **	M	Issue No.	**8**
LM End	**0.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °
				-120.706652 °	-120.706652 °
DWR ID	19845				

Comment Code

Inspector Comment

DS_ID:19845
FS_ID:39516
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/22/2014 Inlet blocked at LS toe by wooden gate. Need to contact owner to determine status. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 19.6 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.31)].
FS Date: 4/22/2014

Photo 1 of 3 : UCIP_SP_2020_39516_62144.jpg

Headwall and pipe visible on LS toe. Slide gate inside 48-inch CMP riser on WS slope.

LM Start	**0.30**	Rating **	M	Issue No.	**8 (cont)**
LM End	**0.30**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39516_62146.jpg

Headwall and pipe on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Owens Creek Bypass	Left	0.80	04/28/2020 04/28/2020	Corey Fujitani

LM Start	**0.30**	Rating **	M	Issue No.	**8 (cont)**
LM End	**0.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.219116 °	37.219116 °
				-120.706652 °	-120.706652 °
DWR ID	19845				

Photo 3 of 3 : UCIP_SP_2020_39516_62145.jpg

Headwall and pipe on LS toe. Pipe blocked by wooden cover.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.00**	Rating **	U	Issue No.	**18**
LM End	**2.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202748 °	37.202722 °
				-120.755177 °	-120.706545 °
DWR ID	DWR_NA0010_11_s _ 2020_18				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_129_18_20200508_00032.jpg

Looking upstream along the landside slope. (Spring 2020)

LM Start	**0.00**	Rating **	U	Issue No.	**19**
LM End	**2.68**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202749 °	37.202722 °
				-120.755173 °	-120.706545 °
DWR ID	DWR_NA0010_11_s _ 2020_19				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_129_19_20200508_00033.jpg

View of vegetation on the waterside slope looking upstream. (Spring 2020)

LM Start	**0.16**	Rating **	A/W	Issue No.	**10**
LM End	**0.16**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202730 °	37.202730 °
				-120.752270 °	-120.752270 °
DWR ID	DWR_NA0010_11_f _ 2018_10				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage is from livestock crossing.

Photo 1 of 1 : SP_2020_NA0010_129_10_20200225_00003.jpg

Looking north down the levee slope. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated	
	C : Corrected	
	A/W : Acceptable but Monitor & Maintain	

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.21**	Rating **	M	Issue No.	**11**
LM End	**0.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_f _ 2018_11				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage is from livestock on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_129_11_20200225_00004.jpg

View of slope damage on landside. (Fall 2018)

LM Start	**0.21**	Rating **	M	Issue No.	**13**
LM End	**0.21**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202731 °	37.202731 °
				-120.751389 °	-120.751389 °
DWR ID	DWR_NA0010_11_s _ 2020_13				

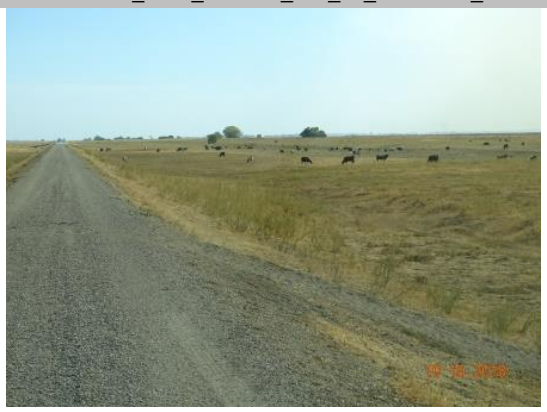
Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage to the levee slope from livestock traffic.

Photo 1 of 1 : SP_2020_NA0010_129_13_20200520_00034.jpg



View of damage on waterside shoulder and slope. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.42**	Rating **	M	Issue No.	**23**
LM End	**0.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202754 °	37.202754 °
				-120.747689 °	-120.747689 °
DWR ID	19846				

Comment Code

Inspector Comment

DS_ID:19846
FS_ID:39517
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.42)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39517_66644.jpg

View of slide gate inside CMP riser located on waterward slope.

LM Start	**0.42**	Rating **	M	Issue No.	**23 (cont)**
LM End	**0.42**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39517_66643.jpg

View of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.42**	Rating **	M	Issue No.	**23 (cont)**
LM End	**0.42**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202754 °	37.202754 °
				-120.747689 °	-120.747689 °
DWR ID	19846				

Photo 3 of 3 : UCIP_SP_2020_39517_66642.jpg

View of landward side.

LM Start	**0.65**	Rating **	M	Issue No.	**24**
LM End	**0.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202751 °	37.202751 °
				-120.743474 °	-120.743474 °
DWR ID	19847				

Comment Code

Inspector Comment

DS_ID:19847
FS_ID:39518
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.65)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39518_61997.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.65**	Rating **	M	Issue No.	**24 (cont)**
LM End	**0.65**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202751 °	37.202751 °
				-120.743474 °	-120.743474 °
DWR ID	19847				

Photo 2 of 3 : UCIP_SP_2020_39518_61996.jpg

View of landward side.

LM Start	**0.65**	Rating **	M	Issue No.	**24 (cont)**
LM End	**0.65**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39518_61999.jpg

Flap gate and concrete apron located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.84**	Rating **	M	Issue No.	**25**
LM End	**0.84**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202745 °	37.202745 °
				-120.739935 °	-120.739935 °
DWR ID	19848				

Comment Code

Inspector Comment

DS_ID:19848
FS_ID:39519
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.3 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.84)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39519_62003.jpg

Overview of waterward side.

LM Start	**0.84**	Rating **	M	Issue No.	**25 (cont)**
LM End	**0.84**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39519_62002.jpg

Concrete headwall and flap gate visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.84**	Rating **	M	Issue No.	**25 (cont)**
LM End	**0.84**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202745 °	37.202745 °
				-120.739935 °	-120.739935 °
DWR ID	19848				

Photo 3 of 3 : UCIP_SP_2020_39519_62001.jpg

View of landward side.

LM Start	**1.13**	Rating **	M	Issue No.	**26**
LM End	**1.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202748 °	37.202748 °
				-120.734796 °	-120.734796 °
DWR ID	19849				

Comment Code

Inspector Comment

DS_ID:19849
FS_ID:39520
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.13)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39520_62008.jpg

View of waterward side--flap gate visible at levee toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.13**	Rating **	M	Issue No.	**26 (cont)**
LM End	**1.13**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202748 °	37.202748 °
				-120.734796 °	-120.734796 °
DWR ID	19849				

Photo 2 of 3 : UCIP_SP_2020_39520_62007.jpg

View of landward side.

LM Start	**1.13**	Rating **	M	Issue No.	**26 (cont)**
LM End	**1.13**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39520_62006.jpg

Concrete headwall located on landward side.

LM Start	**1.21**	Rating **	M	Issue No.	**20**
LM End	**1.38**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202752 °	37.202748 °
				-120.733340 °	-120.730186 °
DWR ID	DWR_NA0010_11_s _ 2020_20				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.49**	Rating **	A/W	Issue No.	**9**
LM End	**1.49**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202748 °	37.202748 °
				-120.728182 °	-120.728182 °
DWR ID	DWR_NA0010_11_f _ 2017_9				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_129_9_20200225_00001.jpg

Looking northwest at landside slope.

LM Start	**1.49**	Rating **	M	Issue No.	**27**
LM End	**1.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202753 °	37.202753 °
				-120.728133 °	-120.728133 °
DWR ID	19850				

Comment Code

Inspector Comment

DS_ID:19850
FS_ID:39521
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 16.3 feet below the crown. Slide gate in a pipe riser on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.50)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39521_62018.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.49**	Rating **	M	Issue No.	**27 (cont)**
LM End	**1.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202753 °	37.202753 °
				-120.728133 °	-120.728133 °
DWR ID	19850				

Photo 2 of 3 : UCIP_SP_2020_39521_62017.jpg

View of concrete headwall located on waterward side.

LM Start	**1.49**	Rating **	M	Issue No.	**27 (cont)**
LM End	**1.49**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39521_62016.jpg

Inside view of pipe from waterward side--sediment build up.

LM Start	**1.77**	Rating **	M	Issue No.	**1**
LM End	**1.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202743 °	37.202743 °
				-120.723187 °	-120.723187 °
DWR ID	DWR_NA0010_11_s _ 2012_1				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.98**	Rating **	M	Issue No.	**28**
LM End	**1.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202740 °	37.202740 °
				-120.719247 °	-120.719247 °
DWR ID	19851				

Comment Code

Inspector Comment

DS_ID:19851
FS_ID:39522
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12.8 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.99)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39522_62024.jpg

View of waterward side.

LM Start	**1.98**	Rating **	M	Issue No.	**28 (cont)**
LM End	**1.98**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39522_62025.jpg

Flap gate located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.98**	Rating **	M	Issue No.	**28 (cont)**
LM End	**1.98**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202740 °	37.202740 °
				-120.719247 °	-120.719247 °
DWR ID	19851				

Photo 3 of 3 : UCIP_SP_2020_39522_62023.jpg

View of landward side.

LM Start	**2.31**	Rating **	M	Issue No.	**17**
LM End	**2.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202730 °	37.202730 °
				-120.713368 °	-120.713368 °
DWR ID	DWR_NA0010_11_f _ 2019_17				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_129_17_20200225_00010.jpg

Damage to the landside slope from livestock traffic. (Fall 2019)

LM Start	**2.46**	Rating **	A/W	Issue No.	**12**
LM End	**2.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11_f _ 2018_12				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Damage is from livestock to both landside and waterside slopes.

Photo 1 of 2 : SP_2020_NA0010_129_12_20200225_00006.jpg

View of landside slope. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.46**	Rating **	A/W	Issue No.	**12 (cont)**
LM End	**2.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.202712 °	37.202712 °
				-120.710633 °	-120.710633 °
DWR ID	DWR_NA0010_11_f _ 2018_12				

Photo 2 of 2 : SP_2020_NA0010_129_12_20200225_00007.jpg

View of waterside slope. (Fall 2018)

LM Start	**2.96**	Rating **	M	Issue No.	**21**
LM End	**3.23**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202502 °	37.202395 °
				-120.701573 °	-120.696749 °
DWR ID	DWR_NA0010_11_s _ 2020_21				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.97**	Rating **	M	Issue No.	**22**
LM End	**3.22**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.202501 °	37.202400 °
				-120.701379 °	-120.696808 °
DWR ID	DWR_NA0010_11_s _ 2020_22				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**3.04**	Rating **	M	Issue No.	**29**
LM End	**3.04**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202494 °	37.202494 °
				-120.700153 °	-120.700153 °
DWR ID	19852				

Comment Code

Inspector Comment

DS_ID:19852
FS_ID:39523
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.04)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39523_62028.jpg

Overview of waterward side--flap gate, concrete headwall and apron visible on levee toe.

LM Start	**3.04**	Rating **	M	Issue No.	**29 (cont)**
LM End	**3.04**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39523_62027.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 Mariposa Bypass	Right	3.31	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**3.04**	Rating **	M	Issue No.	**29 (cont)**
LM End	**3.04**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.202494 °	37.202494 °
				-120.700153 °	-120.700153 °
DWR ID	19852				

Photo 3 of 3 : UCIP_SP_2020_39523_62030.jpg

Concrete headwall located on landward side--debris in front of headwall.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.02**	Rating **	U	Issue No.	**18**
LM End	**1.23**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200943 °	37.200910 °
				-120.754865 °	-120.732938 °
DWR ID	DWR_NA0010_12_s _ 2020_18				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_130_18_20200508_00024.jpg

View of the landside slope looking downstream. (Spring 2020)

LM Start	**0.02**	Rating **	U	Issue No.	**15**
LM End	**2.66**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200943 °	37.200902 °
				-120.754846 °	-120.707024 °
DWR ID	DWR_NA0010_12_s _ 2020_15				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_130_15_20200508_00025.jpg

Vegetation growing on the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.40**	Rating **	M	Issue No.	**19**
LM End	**0.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200934 °	37.200934 °
				-120.747996 °	-120.747996 °
DWR ID	19855				

Comment Code

Inspector Comment

DS_ID:19855
FS_ID:36704
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.39)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36704_66647.jpg

View of waterward side.

LM Start	**0.40**	Rating **	M	Issue No.	**19 (cont)**
LM End	**0.40**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36704_66649.jpg

Concrete headwall and flap gate visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

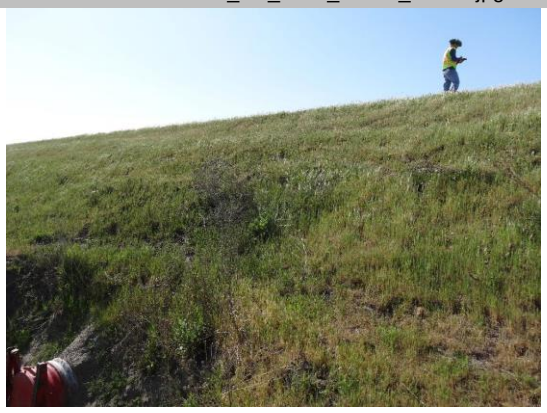
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**0.40**	Rating **	M	Issue No.	**19 (cont)**
LM End	**0.40**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200934 °	37.200934 °
				-120.747996 °	-120.747996 °
DWR ID	19855				

Photo 3 of 3 : UCIP_SP_2020_36704_66648.jpg



View of waterward side--medium grass throughout slope.

LM Start	**1.06**	Rating **	M	Issue No.	**20**
LM End	**1.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200922 °	37.200922 °
				-120.736012 °	-120.736012 °
DWR ID	19856				

Comment Code

Inspector Comment

DS_ID:19856
FS_ID:39889
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.06)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39889_62048.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.06**	Rating **	M	Issue No.	**20 (cont)**
LM End	**1.06**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200922 °	37.200922 °
				-120.736012 °	-120.736012 °
DWR ID	19856				

Photo 2 of 3 : UCIP_SP_2020_39889_62049.jpg

Concrete headwall and flap gate visible on waterward side.

LM Start	**1.06**	Rating **	M	Issue No.	**20 (cont)**
LM End	**1.06**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39889_62047.jpg

View of landward side.

LM Start	**1.06**	Rating **	M	Issue No.	**14**
LM End	**1.07**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200924 °	37.200923 °
				-120.735998 °	-120.735747 °
DWR ID	DWR_NA0010_12_f _ 2018_14				

Comment Code
A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment
Damage along slope is caused by livestock cutting into the 2:1 slope.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.23**	Rating **	M	Issue No.	**17**
LM End	**1.67**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200910 °	37.200908 °
				-120.732938 °	-120.724875 °
DWR ID	DWR_NA0010_12_s _ 2020_17				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**1.27**	Rating **	M	Issue No.	**21**
LM End	**1.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200919 °	37.200919 °
				-120.732234 °	-120.732234 °
DWR ID	19857				

Comment Code

Inspector Comment

DS_ID:19857
FS_ID:36705
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Landward side not accessible due to dense vegetation and fence. Concrete headwall and flap gate under water therefore not able to evaluate condition. Will need to coordinate with owner to evaluate condition of crossing on waterward side and obtain access to evaluate landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 17.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.27)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_36705_66654.jpg

Overview of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.27**	Rating **	M	Issue No.	**21 (cont)**
LM End	**1.27**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200919 °	37.200919 °
				-120.732234 °	-120.732234 °
DWR ID	19857				

Photo 2 of 3 : UCIP_SP_2020_36705_66652.jpg

View of waterward slope.

LM Start	**1.27**	Rating **	M	Issue No.	**21 (cont)**
LM End	**1.27**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36705_66653.jpg

View of concrete wall underwater.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.53**	Rating **	M	Issue No.	**22**
LM End	**1.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200913 °	37.200913 °
				-120.727496 °	-120.727496 °
DWR ID	19858				

Comment Code

Inspector Comment

DS_ID:19858
FS_ID:34126
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Limited access on landward side due to fence and dense vegetation. Recommend obtaining access to landward side and clear vegetation on landward side. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.53)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_34126_62060.jpg

View of waterward side.

LM Start	**1.53**	Rating **	M	Issue No.	**22 (cont)**
LM End	**1.53**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_34126_62061.jpg

Concrete headwall and flap gate visible on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**1.53**	Rating **	M	Issue No.	**22 (cont)**
LM End	**1.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200913 °	37.200913 °
				-120.727496 °	-120.727496 °
DWR ID	19858				

Photo 3 of 3 : UCIP_SP_2020_34126_62059.jpg

View of landward side--limited access due to fence.

LM Start	**1.67**	Rating **	U	Issue No.	**13**
LM End	**2.66**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200908 °	37.200902 °
				-120.724876 °	-120.707024 °
DWR ID	DWR_NA0010_12_s _ 2020_13				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_130_13_20200508_00026.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**1.74**	Rating **	M	Issue No.	**16**
LM End	**1.85**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200909 °	37.200911 °
				-120.723706 °	-120.721737 °
DWR ID	DWR_NA0010_12_s _ 2020_16				

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

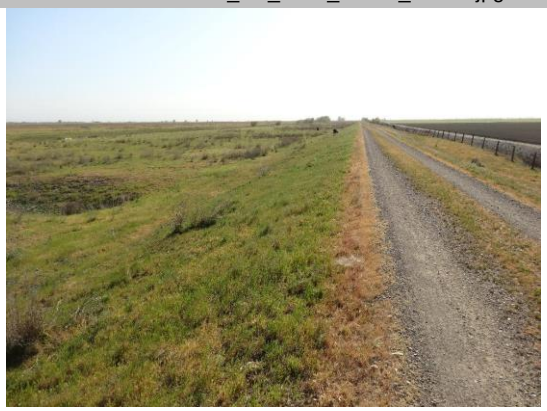
LM Start	**2.16**	Rating **	M	Issue No.	**23**
LM End	**2.16**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °
				-120.716118 °	-120.716118 °
DWR ID	19859				

Comment Code

Inspector Comment

DS_ID:19859
FS_ID:39506
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing vegetation from landward side--headwall blocked. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.16)].
FS Date: 4/18/2014

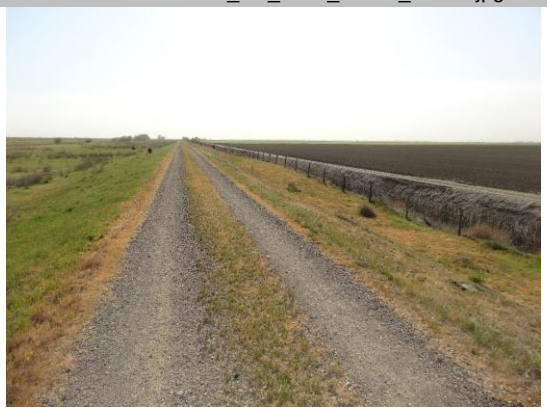
Photo 1 of 3 : UCIP_SP_2020_39506_62064.jpg



View of waterward side.

LM Start	**2.16**	Rating **	M	Issue No.	**23 (cont)**
LM End	**2.16**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39506_62063.jpg



Overview of levee crown at crossing.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.16**	Rating **	M	Issue No.	**23 (cont)**
LM End	**2.16**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200908 °	37.200908 °
				-120.716118 °	-120.716118 °
DWR ID	19859				

Photo 3 of 3 : UCIP_SP_2020_39506_62062.jpg

Dense vegetation on landward side--limited access due to fence along landward side.

LM Start	**2.33**	Rating **	M	Issue No.	**1**
LM End	**2.33**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.200907 °	37.200907 °
				-120.712978 °	-120.712978 °
DWR ID	DWR_NA0010_12_s _ 2012_1				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.70**	Rating **	M	Issue No.	**24**
LM End	**2.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

Comment Code

Inspector Comment

DS_ID:19860
FS_ID:39890
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/18/2014 Need to contact owner. Recommend clearing sediment deposit inside pipe. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.70)].
FS Date: 4/18/2014

Photo 1 of 3 : UCIP_SP_2020_39890_62069.jpg

View of waterward side.

LM Start	**2.70**	Rating **	M	Issue No.	**24 (cont)**
LM End	**2.70**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39890_62070.jpg

Concrete headwall and flat gate located on waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**2.70**	Rating **	M	Issue No.	**24 (cont)**
LM End	**2.70**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200906 °	37.200906 °
				-120.706316 °	-120.706316 °
DWR ID	19860				

Photo 3 of 3 : UCIP_SP_2020_39890_62068.jpg

View of landward side.

LM Start	**3.00**	Rating **	M	Issue No.	**25**
LM End	**3.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200931 °	37.200931 °
				-120.700908 °	-120.700908 °
DWR ID	19861				

Comment Code

Inspector Comment

DS_ID:19861
FS_ID:46786
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/09/2015 DWR Inspecition section confirmed issue has been addressed. Need to coordinate with LMA to determine additional details for extent of repair. 04/18/2014 Soil missing behind concrete headwall on waterward side. Unable to determine if missing soil is due to sink holes, rodent activity, or due to erosion. Headwall appears to be leaning slightly forward. Reason why this crossing was labelled urgent was due to the uncertainty of damage to concrete headwall and reason for soil missing behind concrete. Need to coordinate with LMA to determine more information about repair at this location. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 3.00)].
FS Date: 11/10/2015 9:29:00 AM

Photo 1 of 3 : UCIP_SP_2020_46786_62073.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 Mariposa Bypass	Left	3.33	04/21/2020 04/21/2020	Corey Fujitani

LM Start	**3.00**	Rating **	M	Issue No.	**25 (cont)**
LM End	**3.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.200931 °	37.200931 °
				-120.700908 °	-120.700908 °
DWR ID	19861				

Photo 2 of 3 : UCIP_SP_2020_46786_74729.jpg

Repair to headwall located on waterward side has been addressed.

LM Start	**3.00**	Rating **	M	Issue No.	**25 (cont)**
LM End	**3.00**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_46786_62072.jpg

Side view of concrete headwall which appears to be slightly slanted forward--missing soil behind headwall.

LM Start	**3.03**	Rating **	M	Issue No.	**12**
LM End	**3.32**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.200928 °	37.200952 °
				-120.700366 °	-120.695126 °
DWR ID	DWR_NA0010_12_s _ 2020_12				

Comment Code
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_130_12_20200508_00027.jpg

View of the landside slope looking downstream. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.15**	Rating **	M	Issue No.	**3**
LM End	**0.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.035760 °	37.035760 °
				-120.441282 °	-120.441282 °
DWR ID	DWR_NA0010_13_s _ 2012_3				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_131_3_20200225_00001.jpg

Looking at the landside slope.

LM Start	**0.31**	Rating **	M	Issue No.	**13**
LM End	**0.95**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.038021 °	37.045107 °
				-120.440313 °	-120.433517 °
DWR ID	DWR_NA0010_13_s _ 2020_13				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_131_13_20200508_00020.jpg

View of the waterside slope looking upstream. (Spring 2020)

LM Start	**0.31**	Rating **	M	Issue No.	**12**
LM End	**1.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.038021 °	37.046282 °
				-120.440313 °	-120.428224 °
DWR ID	DWR_NA0010_13_s _ 2020_12				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_131_12_20200508_00021.jpg

View of vegetation along the landside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.90**	Rating **	M	Issue No.	**9**
LM End	**0.90**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.044778 °	37.044778 °
				-120.434198 °	-120.434198 °
DWR ID	DWR_NA0010_13_f _ 2018_9				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_131_9_20200225_00012.jpg

View of several rodent burrows in landside shoulder. (Fall 2018)

LM Start	**1.14**	Rating **	M	Issue No.	**15**
LM End	**1.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045872 °	37.045872 °
				-120.430070 °	-120.430070 °
DWR ID	19727				

Comment Code

Inspector Comment

DS_ID:19727
FS_ID:39877
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Appears abandoned and if so should be done so properly. Pipe filled with soil on WS at outlet. Actuator missing from slide gate on WS shoulder. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 1 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.14)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39877_59385.jpg

Slide gate in CMP riser on WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.14**	Rating **	M	Issue No.	**15 (cont)**
LM End	**1.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045872 °	37.045872 °
				-120.430070 °	-120.430070 °
DWR ID	19727				

Photo 2 of 3 : UCIP_SP_2020_39877_59384.jpg

Concrete box on WS toe.

LM Start	**1.14**	Rating **	M	Issue No.	**15 (cont)**
LM End	**1.14**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39877_59389.jpg

Concrete box on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.14**	Rating **	M	Issue No.	**16**
LM End	**1.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

Comment Code

Inspector Comment

DS_ID:19908
FS_ID:39524
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 No lid on riser at WS shoulder could be safety issue. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: [Rounder Irrigation Structure] 2 of 2: 36-inch corrugated metal gravity drainage pipe through the levee, 12.3 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 6-foot by 12-foot concrete distribution box on the landside (LS). 7-foot by 14-foot concrete outlet structure on the WS toe. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.14)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39524_59390.jpg

Slide gate in CMP riser without at lid on WS shoulder.

LM Start	**1.14**	Rating **	M	Issue No.	**16 (cont)**
LM End	**1.14**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39524_59392.jpg

Concrete distribution box on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Ash Slough	Right	1.27	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.14**	Rating **	M	Issue No.	**16 (cont)**
LM End	**1.14**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045870 °	37.045870 °
				-120.430080 °	-120.430080 °
DWR ID	19908				

Photo 3 of 3 : UCIP_SP_2020_39524_59391.jpg

Pipe at outlet on WS toe.

LM Start	**1.20**	Rating **	M	Issue No.	**14**
LM End	**1.25**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.046092 °	37.046280 °
				-120.429128 °	-120.428234 °
DWR ID	DWR_NA0010_13_s _ 2020_14				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.03**	Rating **	M	Issue No.	**10**
LM End	**1.24**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.032822 °	37.045311 °
				-120.441090 °	-120.428133 °
DWR ID	DWR_NA0010_14_s _ 2020_10				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_132_10_20200511_00011.jpg

View along the landside slope looking downstream. (Spring 2020)

LM Start	**0.03**	Rating **	M	Issue No.	**11**
LM End	**0.51**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.032824 °	37.039385 °
				-120.441089 °	-120.438293 °
DWR ID	DWR_NA0010_14_s _ 2020_11				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.25**	Rating **	M	Issue No.	**5**
LM End	**0.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.035841 °	37.035841 °
				-120.439795 °	-120.439795 °
DWR ID	DWR_NA0010_14_f _ 2017_5				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_132_5_20200225_00001.jpg

Looking at the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.52**	Rating **	U	Issue No.	**3**
LM End	**1.25**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.039481 °	37.045364 °
				-120.438252 °	-120.427938 °
DWR ID	DWR_NA0010_14_s _ 2020_3				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_132_3_20200511_00012.jpg

Looking downstream along the waterside slope. (Spring 2020)

LM Start	**0.86**	Rating **	M	Issue No.	**4**
LM End	**0.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.043183 °	37.043183 °
				-120.434323 °	-120.434323 °
DWR ID	DWR_NA0010_14_f _ 2018_4				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are noted on the landside slope.

No Photos

LM Start	**1.24**	Rating **	M	Issue No.	**79**
LM End	**1.24**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.045343 °	37.045343 °
				-120.428007 °	-120.428007 °
DWR ID	DWR_NA0010_14_s _ 2015_79				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are noted on the landside at this location.

Photo 1 of 1 : SP_2020_NA0010_132_79_20200225_00004.jpg

Looking at typical view of rodent holes on landward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.26**	Rating **	A/W	Issue No.	**81**
LM End	**1.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045383 °	37.045383 °
				-120.427754 °	-120.427754 °
DWR ID	19910				

Comment Code

Inspector Comment

DS_ID:19910
FS_ID:32828
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Slide gate in a 42-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on the WS end. Pipe terminates into a concrete ditch on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.26)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_32828_59402.jpg

Concrete U-shaped headwall on Ws toe.

LM Start	**1.26**	Rating **	A/W	Issue No.	**81 (cont)**
LM End	**1.26**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32828_59401.jpg

slidegate in CMP riser on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Ash Slough	Left	1.28	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.26**	Rating **	A/W	Issue No.	**81 (cont)**
LM End	**1.26**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.045383 °	37.045383 °
				-120.427754 °	-120.427754 °
DWR ID	19910				

Photo 3 of 3 : UCIP_SP_2020_32828_59400.jpg

Inlet assumed to be within irrigation structure off LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.02**	Rating **	U	Issue No.	**10**
LM End	**2.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996562 °	36.996603 °
				-120.410021 °	-120.374117 °
DWR ID	DWR_NA0010_15_s _ 2020_10				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_133_10_20200511_00014.jpg

View of the vegetation along the landside slope. (Spring 2020)

LM Start	**0.41**	Rating **	M	Issue No.	**12**
LM End	**1.51**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996550 °	36.996569 °
				-120.402963 °	-120.383078 °
DWR ID	DWR_NA0010_15_s _ 2020_12				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.48**	Rating **	A/W	Issue No.	**14**
LM End	**0.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996551 °	36.996551 °
				-120.401737 °	-120.401737 °
DWR ID	19911				

Comment Code

Inspector Comment

DS_ID:19911
FS_ID:32838
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 10.1 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.48)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_32838_59448.jpg

Concrete headwall on WS toe.

LM Start	**0.48**	Rating **	A/W	Issue No.	**14 (cont)**
LM End	**0.48**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32838_59449.jpg

Flapgate on Concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.48**	Rating **	A/W	Issue No.	**14 (cont)**
LM End	**0.48**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996551 °	36.996551 °
				-120.401737 °	-120.401737 °
DWR ID	19911				

Photo 3 of 3 : UCIP_SP_2020_32838_59447.jpg

Concrete headwall on LS toe.

LM Start	**1.00**	Rating **	M	Issue No.	**15**
LM End	**1.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996566 °	36.996566 °
				-120.392280 °	-120.392280 °
DWR ID	19912				

Comment Code

Inspector Comment

DS_ID:19912
FS_ID:39527
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.01)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_39527_59452.jpg

Concrete headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.00**	Rating **	M	Issue No.	**15 (cont)**
LM End	**1.00**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996566 °	36.996566 °
				-120.392280 °	-120.392280 °
DWR ID	19912				

Photo 2 of 3 : UCIP_SP_2020_39527_59453.jpg

Flapgate on concrete headwall at WS toe.

LM Start	**1.00**	Rating **	M	Issue No.	**15 (cont)**
LM End	**1.00**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39527_59451.jpg

Concrete headwall on LS toe.

LM Start	**1.51**	Rating **	C	Issue No.	**8**
LM End	**1.51**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.996560 °	36.996560 °
				-120.383133 °	-120.383133 °
DWR ID	DWR_NA0010_15_s _ 2018_8				

Comment Code
GA : Garbage

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.52**	Rating **	M	Issue No.	**11**
LM End	**1.99**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.996561 °	36.996587 °
				-120.382869 °	-120.374503 °
DWR ID	DWR_NA0010_15_s _ 2012_11				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

No Photos

LM Start	**1.53**	Rating **	U	Issue No.	**13**
LM End	**2.01**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.996584 °	36.996602 °
				-120.382764 °	-120.374117 °
DWR ID	DWR_NA0010_15_s _ 2020_13				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_133_13_20200511_00015.jpg

Looking downstream along the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.53**	Rating **	M	Issue No.	**16**
LM End	**1.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				

Comment Code

Inspector Comment

DS_ID:19913
FS_ID:32840
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 03/27/2014 Excessive vegetation at inlet on LS toe. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.53)].
FS Date: 3/27/2014

Photo 1 of 3 : UCIP_SP_2020_32840_59456.jpg

Concrete headwall on WS toe.

LM Start	**1.53**	Rating **	M	Issue No.	**16 (cont)**
LM End	**1.53**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32840_59457.jpg

Flapgate on concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

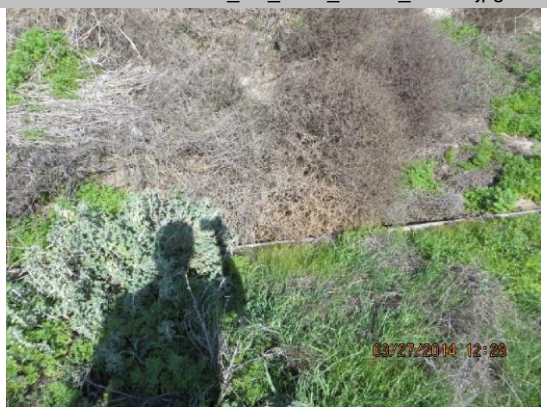
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Berenda Slough	Right	2.03	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.53**	Rating **	M	Issue No.	**16 (cont)**
LM End	**1.53**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.996582 °	36.996582 °
				-120.382757 °	-120.382757 °
DWR ID	19913				

Photo 3 of 3 : UCIP_SP_2020_32840_59455.jpg



Concrete headwall on LS toe. Note excessive vegetation buildup.

LM Start	**1.58**	Rating **	C	Issue No.	**6**
LM End	**2.01**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.996563 °	36.996578 °
				-120.381895 °	-120.374111 °
DWR ID	DWR_NA0010_15_f _ 2017_6				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**0.01**	Rating **	M	Issue No.	**13**
LM End	**1.40**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995409 °	36.995491 °
				-120.408828 °	-120.383728 °
DWR ID	DWR_NA0010_16_s _ 2020_13				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.01**	Rating **	U	Issue No.	**7**
LM End	**1.95**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995409 °	36.995507 °
				-120.408828 °	-120.373658 °
DWR ID	DWR_NA0010_16_s _ 2020_7				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_134_7_20200511_00011.jpg

View of vegetation on the waterside slope looking downstream. (Spring 2020)

LM Start	**0.93**	Rating **	M	Issue No.	**92**
LM End	**0.93**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995439 °	36.995439 °
				-120.392146 °	-120.392146 °
DWR ID	DWR_NA0010_16_s _ 2015_92				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are identified within this section.

Photo 1 of 1 : SP_2020_NA0010_134_92_20200225_00006.jpg

Looking at several rodent holes on landward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.09**	Rating **	M	Issue No.	**3**
LM End	**1.09**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995433 °	36.995433 °
				-120.389190 °	-120.389190 °
DWR ID	DWR_NA0010_16_f _ 2016_3				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are identified on the levee crown.

Photo 1 of 1 : SP_2020_NA0010_134_3_20200225_00003.jpg

Looking at several rodent holes and mole holes on levee crown.

LM Start	**1.38**	Rating **	A/W	Issue No.	**9**
LM End	**1.89**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.995478 °	36.995492 °
				-120.383970 °	-120.374852 °
DWR ID	DWR_NA0010_16_s _ 2019_9				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

LM Start	**1.41**	Rating **	M	Issue No.	**12**
LM End	**1.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995467 °	36.995467 °
				-120.383492 °	-120.383492 °
DWR ID	DWR_NA0010_16_f _ 2019_12				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

*** Location**	**** Rating**	**+ Issue Type**
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.44**	Rating **	M	Issue No.	**93**
LM End	**1.44**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995473 °	36.995473 °
				-120.382872 °	-120.382872 °
DWR ID	19915				

Comment Code

Inspector Comment

DS_ID:19915
FS_ID:39529
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation buildup at landside toe--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 8.5 feet below the crown. Two concrete cutoff walls. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 1.46)].
FS Date: 4/1/2014 8:12:00 AM

Photo 1 of 3 : UCIP_SP_2020_39529_59681.jpg

Concrete headwall on WS toe with channel.

LM Start	**1.44**	Rating **	M	Issue No.	**93 (cont)**
LM End	**1.44**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39529_59680.jpg

Flapgate on headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.44**	Rating **	M	Issue No.	**93 (cont)**
LM End	**1.44**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.995473 °	36.995473 °
				-120.382872 °	-120.382872 °
DWR ID	19915				

Photo 3 of 3 : UCIP_SP_2020_39529_59682.jpg

Concrete headwall on LS toe covered in vegetation/tumble weeds.

LM Start	**1.48**	Rating **	U	Issue No.	**8**
LM End	**1.95**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.995496 °	36.995508 °
				-120.382205 °	-120.373658 °
DWR ID	DWR_NA0010_16_s _ 2020_8				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_134_8_20200511_00013.jpg

Looking downstream along the landside. (Spring 2020)

LM Start	**1.68**	Rating **	M	Issue No.	**4**
LM End	**1.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995503 °	36.995503 °
				-120.378579 °	-120.378579 °
DWR ID	DWR_NA0010_16_s _ 2014_4				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Berenda Slough	Left	1.96	04/29/2020 04/29/2020	Corey Fujitani

LM Start	**1.77**	Rating **	U	Issue No.	**2**
LM End	**1.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.995487 °	36.995487 °
				-120.377054 °	-120.377054 °
DWR ID	DWR_NA0010_16_f _ 2014_2				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large rodent holes are on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_134_2_20200225_00002.jpg

Looking southwest at several rodent holes on landward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**0.00**	Rating **	U	Issue No.	**16**
LM End	**2.34**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976451 °	36.955250 °
				-120.374719 °	-120.350677 °
DWR ID	DWR_NA0010_17_s _ 2020_16				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_16_20200511_00040.jpg

View of vegetation on the landside slope looking upstream. (Spring 2020)

LM Start	**0.03**	Rating **	U	Issue No.	**17**
LM End	**1.99**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.976451 °	36.959763 °
				-120.374265 °	-120.353467 °
DWR ID	DWR_NA0010_17_s _ 2020_17				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_17_20200512_00041.jpg

View of the waterside slope looking upstream. (Spring 2020)

LM Start	**2.01**	Rating **	M	Issue No.	**19**
LM End	**3.50**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.959617 °	36.939838 °
				-120.353378 °	-120.342598 °
DWR ID	DWR_NA0010_17_s _ 2020_19				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**2.35**	Rating **	M	Issue No.	**20**
LM End	**3.50**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.955196 °	36.939838 °
				-120.350643 °	-120.342598 °
DWR ID	DWR_NA0010_17_s _ 2020_20				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.57**	Rating **	M	Issue No.	**41**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.952254 °	36.952254 °
				-120.348804 °	-120.348804 °
DWR ID	19916				

Comment Code

Inspector Comment

DS_ID:19916
FS_ID:39531
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 14.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.58)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39531_59710.jpg

Concrete headwall at channel on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**2.57**	Rating **	M	Issue No.	**41 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.952254 °	36.952254 °
				-120.348804 °	-120.348804 °
DWR ID	19916				

Photo 2 of 3 : UCIP_SP_2020_39531_59711.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**2.57**	Rating **	M	Issue No.	**41 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39531_59709.jpg

Concrete headwall at LS toe.

LM Start	**3.50**	Rating **	U	Issue No.	**30**
LM End	**4.13**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.939838 °	36.931046 °
				-120.342598 °	-120.339362 °
DWR ID	DWR_NA0010_17_s _ 2020_30				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_30_20200512_00042.jpg

Looking upstream along the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**3.50**	Rating **	U	Issue No.	**29**
LM End	**4.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.939838 °	36.926206 °
				-120.342598 °	-120.337588 °
DWR ID	DWR_NA0010_17_s _ 2020_29				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_29_20200512_00043.jpg

Looking at vegetation on the landside slope. (Spring 2020)

LM Start	**3.79**	Rating **	C	Issue No.	**26**
LM End	**3.79**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.935744 °	36.935744 °
				-120.341077 °	-120.341077 °
DWR ID	DWR_NA0010_17_f _ 2018_26				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**4.15**	Rating **	M	Issue No.	**31**
LM End	**9.93**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.930843 °	36.849973 °
				-120.339289 °	-120.314127 °
DWR ID	DWR_NA0010_17_s _ 2020_31				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**4.48**	Rating **	M	Issue No.	**32**
LM End	**7.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.926191 °	36.887329 °
				-120.337584 °	-120.321419 °
DWR ID	DWR_NA0010_17_s _ 2020_32				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**4.74**	Rating **	C	Issue No.	**22**
LM End	**4.74**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.922526 °	36.922526 °
				-120.336227 °	-120.336227 °
DWR ID	DWR_NA0010_17_f _ 2017_22				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

No Photos

LM Start	**5.75**	Rating **	M	Issue No.	**8**
LM End	**5.90**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.908605 °	36.906507 °
				-120.331112 °	-120.330353 °
DWR ID	DWR_NA0010_17_s _ 2012_8				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Multiple rodent holes are noted on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_135_8_20200225_00006.jpg

Looking at several rodent holes on landside slope. (Fall 2014)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**6.51**	Rating **	M	Issue No.	**4**
LM End	**6.72**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.898093 °	36.895300 °
				-120.326689 °	-120.325322 °
DWR ID	DWR_NA0010_17_s _ 2012_4				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are identified within this reach.

Photo 1 of 1 : SP_2020_NA0010_135_4_20200225_00003.jpg

Looking at typical view of rodent holes on landward slope.

LM Start	**7.27**	Rating **	M	Issue No.	**5**
LM End	**7.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.887852 °	36.886388 °
				-120.321668 °	-120.320950 °
DWR ID	DWR_NA0010_17_s _ 2012_5				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are identified within this reach.

Photo 1 of 1 : SP_2020_NA0010_135_5_20200225_00004.jpg

Looking at typical view of rodent holes on landward slope.

LM Start	**7.31**	Rating **	U	Issue No.	**33**
LM End	**8.47**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.887329 °	36.871029 °
				-120.321419 °	-120.316929 °
DWR ID	DWR_NA0010_17_s _ 2020_33				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_33_20200512_00045.jpg

View of vegetation on the landside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**7.41**	Rating **	C	Issue No.	**23**
LM End	**7.41**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.885998 °	36.885998 °
				-120.320759 °	-120.320759 °
DWR ID	DWR_NA0010_17_f _ 2017_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	**8.15**	Rating **	M	Issue No.	**24**
LM End	**8.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.875525 °	36.875525 °
				-120.317788 °	-120.317788 °
DWR ID	DWR_NA0010_17_f _ 2017_24				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent holes are on the landside and crown of levee. Rodent holes have caused some erosion on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_135_24_20200225_00012.jpg

Looking east at the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**8.37**	Rating **	A/W	Issue No.	**42**
LM End	**8.37**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.872358 °	36.872358 °
				-120.317170 °	-120.317170 °
DWR ID	19922				

Comment Code

Inspector Comment

DS_ID:19922
FS_ID:32999
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.38)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_32999_59718.jpg

Concrete headwall and channel on WS toe.

LM Start	**8.37**	Rating **	A/W	Issue No.	**42 (cont)**
LM End	**8.37**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32999_59720.jpg

Flapgate on concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**8.37**	Rating **	A/W	Issue No.	**42 (cont)**
LM End	**8.37**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.872358 °	36.872358 °
				-120.317170 °	-120.317170 °
DWR ID	19922				

Photo 3 of 3 : UCIP_SP_2020_32999_59719.jpg

Concrete headwall and channel on LS toe.

LM Start	**8.47**	Rating **	M	Issue No.	**34**
LM End	**9.93**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.870973 °	36.849973 °
				-120.316918 °	-120.314127 °
DWR ID	DWR_NA0010_17_s _ 2020_34				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**9.88**	Rating **	M	Issue No.	**43**
LM End	**9.88**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.850703 °	36.850703 °
				-120.314154 °	-120.314154 °
DWR ID	19917				

Comment Code

Inspector Comment

DS_ID:19917
FS_ID:39532
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15 feet below the crown. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 9.89)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39532_59723.jpg

Concrete headwall and channel on WS toe.

LM Start	**9.88**	Rating **	M	Issue No.	**43 (cont)**
LM End	**9.88**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39532_59724.jpg

Flapgate on Concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**9.88**	Rating **	M	Issue No.	**43 (cont)**
LM End	**9.88**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.850703 °	36.850703 °
				-120.314154 °	-120.314154 °
DWR ID	19917				

Photo 3 of 3 : UCIP_SP_2020_39532_59722.jpg

Concrete headwall and channel on LS toe.

LM Start	**9.93**	Rating **	U	Issue No.	**36**
LM End	**12.97**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.849973 °	36.811811 °
				-120.314127 °	-120.304266 °
DWR ID	DWR_NA0010_17_s _ 2020_36				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_36_20200512_00046.jpg

Looking upstream at vegetation on the landside slope. (Spring 2020)

LM Start	**9.93**	Rating **	U	Issue No.	**37**
LM End	**16.01**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.849973 °	36.775336 °
				-120.314127 °	-120.284515 °
DWR ID	DWR_NA0010_17_s _ 2020_37				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_37_20200512_00047.jpg

View of vegetation on the waterside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**12.17**	Rating **	U	Issue No.	**39**
LM End	**12.17**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.822818 °	36.822818 °
				-120.299680 °	-120.299680 °
DWR ID	DWR_NA0010_17_f _ 2018_39				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

A large hole is on the landside toe.

Photo 1 of 1 : SP_2020_NA0010_135_39_20200225_00017.jpg

Large rodent hole at toe of levee. (Fall 2018)

LM Start	**12.28**	Rating **	M	Issue No.	**3**
LM End	**12.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.821368 °	36.820000 °
				-120.300283 °	-120.300831 °
DWR ID	DWR_NA0010_17_s _ 2014_3				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several rodent holes are identified within this reach.

Photo 1 of 1 : SP_2020_NA0010_135_3_20200225_00001.jpg

Looking at typical view of rodent holes on landward slope. Fall 2015

LM Start	**12.97**	Rating **	M	Issue No.	**38**
LM End	**13.65**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.811811 °	36.802510 °
				-120.304266 °	-120.306992 °
DWR ID	DWR_NA0010_17_s _ 2020_38				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**13.29**	Rating **	M	Issue No.	**44**
LM End	**13.29**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.807509 °	36.807509 °
				-120.306231 °	-120.306231 °
DWR ID	19918				

Comment Code

Inspector Comment

DS_ID:19918
FS_ID:39533
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Some vegetation buildup at inlet--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 48-inch by 60-inch reinforced concrete box gravity drainage culvert through the levee, 15.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 13.30)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39533_59727.jpg

Concrete headwall on WS toe.

LM Start	**13.29**	Rating **	M	Issue No.	**44 (cont)**
LM End	**13.29**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39533_59726.jpg

Concrete headwall on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**13.29**	Rating **	M	Issue No.	**44 (cont)**
LM End	**13.29**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.807509 °	36.807509 °
				-120.306231 °	-120.306231 °
DWR ID	19918				

Photo 3 of 3 : UCIP_SP_2020_39533_59725.jpg

Concrete headwall on LS toe. Some vegetation buildup.

LM Start	**13.65**	Rating **	U	Issue No.	**40**
LM End	**16.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.802510 °	36.775400 °
				-120.306992 °	-120.284567 °
DWR ID	DWR_NA0010_17_s _ 2020_40				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_135_40_20200512_00048.jpg

Looking upstream along the landside slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**14.69**	Rating **	M	Issue No.	**47**
LM End	**14.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.789066 °	36.789066 °
				-120.300644 °	-120.300644 °
DWR ID	19920				

Comment Code

Inspector Comment

DS_ID:19920
FS_ID:39535
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/01/2014 Heavy vegetation buildup at LS toe--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 14.69)].
FS Date: 4/1/2014

Photo 1 of 3 : UCIP_SP_2020_39535_59745.jpg

Concrete headwall at WS toe.

LM Start	**14.69**	Rating **	M	Issue No.	**47 (cont)**
LM End	**14.69**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39535_59747.jpg

Flapgate on Concrete headwall at WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Chowchilla Canal Bypass	Right	16.09	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**14.69**	Rating **	M	Issue No.	**47 (cont)**
LM End	**14.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.789066 °	36.789066 °
				-120.300644 °	-120.300644 °
DWR ID	19920				

Photo 3 of 3 : UCIP_SP_2020_39535_59746.jpg

Concrete headwall at channel on LS toe. Heavy vegetation buildup.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**0.02**	Rating **	U	Issue No.	**5**
LM End	**1.33**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.973996 °	36.957500 °
				-120.363078 °	-120.354511 °
DWR ID	DWR_NA0010_18_s _ 2020_5				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_5_20200512_00032.jpg

View of the landside slope looking downstream. (Spring 2020)

LM Start	**0.02**	Rating **	U	Issue No.	**40**
LM End	**1.33**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.973996 °	36.957500 °
				-120.363078 °	-120.354511 °
DWR ID	DWR_NA0010_18_s _ 2020_40				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_40_20200512_00033.jpg

Looking downstream along the waterside slope. (Spring 2020)

LM Start	**0.78**	Rating **	M	Issue No.	**55**
LM End	**0.78**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.964824 °	36.964824 °
				-120.358065 °	-120.358065 °
DWR ID	DWR_NA0010_18_f _ 2018_55				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_55_20200225_00019.jpg

View of rodent holes from levee toe looking towards centerline. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**1.44**	Rating **	M	Issue No.	**7**
LM End	**1.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.956163 °	36.956163 °
				-120.353672 °	-120.353672 °
DWR ID	DWR_NA0010_18_f _ 2018_7				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes identified on landside slope and on the levee crown.

Photo 1 of 1 : SP_2020_NA0010_137_7_20200225_00001.jpg

Looking at typical view of rodent holes within this section on landward slope.

LM Start	**1.45**	Rating **	M	Issue No.	**70**
LM End	**1.45**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.955936 °	36.955936 °
				-120.353540 °	-120.353540 °
DWR ID	DWR_NA0010_18_s _ 2019_70				

Comment Code

S1 : Repair slope instability.

Inspector Comment

No Photos

LM Start	**1.75**	Rating **	M	Issue No.	**42**
LM End	**8.99**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.952035 °	36.851581 °
				-120.351142 °	-120.316387 °
DWR ID	DWR_NA0010_18_s _ 2020_42				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**1.76**	Rating **	M	Issue No.	**46**
LM End	**5.57**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.951973 °	36.899578 °
				-120.351102 °	-120.329773 °
DWR ID	DWR_NA0010_18_s _ 2020_46				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.25**	Rating **	U	Issue No.	**8**
LM End	**2.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.945563 °	36.945563 °
				-120.347121 °	-120.347121 °
DWR ID	DWR_NA0010_18_f _ 2015_8				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There is one large rodent hole and other smaller rodent holes within this area.

Photo 1 of 1 : SP_2020_NA0010_137_8_20200225_00002.jpg

Looking at large rodent hole on landward slope.

LM Start	**3.44**	Rating **	U	Issue No.	**31**
LM End	**3.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.929093 °	36.929093 °
				-120.340920 °	-120.340920 °
DWR ID	DWR_NA0010_18_f _ 2019_31				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_31_20200225_00015.jpg

View of rodent burrows in the landside slope. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**3.48**	Rating **	M	Issue No.	**66**
LM End	**3.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.928542 °	36.928542 °
				-120.340732 °	-120.340732 °
DWR ID	DWR_NA0010_18_s _ 2019_66				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**3.73**	Rating **	U	Issue No.	**47**
LM End	**3.73**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.924969 °	36.924969 °
				-120.339407 °	-120.339407 °
DWR ID	DWR_NA0010_18_s _ 2020_47				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_47_20200512_00034.jpg

Large rodent burrow in the landside slope. (Spring 2020)

LM Start	**4.69**	Rating **	M	Issue No.	**16**
LM End	**4.69**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.911613 °	36.911613 °
				-120.334542 °	-120.334542 °
DWR ID	DWR_NA0010_18_f _ 2017_16				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are rodent holes on the landside slope and crown.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**5.34**	Rating **	M	Issue No.	**25**
LM End	**5.34**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.902688 °	36.902688 °
				-120.331282 °	-120.331282 °
DWR ID	DWR_NA0010_18_f _ 2019_25				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**5.54**	Rating **	M	Issue No.	**64**
LM End	**5.71**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.899995 °	36.897624 °
				-120.329992 °	-120.328828 °
DWR ID	DWR_NA0010_18_s _ 2019_64				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**5.74**	Rating **	U	Issue No.	**15**
LM End	**5.99**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.897237 °	36.893924 °
				-120.328633 °	-120.327020 °
DWR ID	DWR_NA0010_18_f _ 2017_15				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are multiple large rodent holes at the landside toe.

Photo 1 of 1 : SP_2020_NA0010_137_15_20200225_00007.jpg

Looking west at the landside slope. (Fall 2017)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**6.05**	Rating **	M	Issue No.	**45**
LM End	**7.34**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.893057 °	36.875217 °
				-120.326578 °	-120.319957 °
DWR ID	DWR_NA0010_18_s _ 2020_45				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**6.52**	Rating **	M	Issue No.	**9**
LM End	**6.52**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.886767 °	36.886767 °
				-120.323482 °	-120.323482 °
DWR ID	DWR_NA0010_18_f _ 2014_9				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**6.84**	Rating **	U	Issue No.	**23**
LM End	**6.84**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.882384 °	36.882384 °
				-120.321417 °	-120.321417 °
DWR ID	DWR_NA0010_18_f _ 2019_23				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_23_20200225_00012.jpg

Representative view of rodent burrows observed at this location. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**7.39**	Rating **	U	Issue No.	**14**
LM End	**7.53**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.874479 °	36.872503 °
				-120.319831 °	-120.319438 °
DWR ID	DWR_NA0010_18_f _ 2017_14				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes noted along the landside slope in this area.

Photo 1 of 1 : SP_2020_NA0010_137_14_20200512_00035.jpg

View of rodent burrows in the landside slope. (Spring 2020)

LM Start	**7.72**	Rating **	M	Issue No.	**44**
LM End	**8.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.869738 °	36.862155 °
				-120.318894 °	-120.317420 °
DWR ID	DWR_NA0010_18_s _ 2020_44				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**7.91**	Rating **	U	Issue No.	**21**
LM End	**7.91**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.867030 °	36.867030 °
				-120.318361 °	-120.318361 °
DWR ID	DWR_NA0010_18_f _ 2019_21				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Several large rodent burrows in the landside toe.

Photo 1 of 1 : SP_2020_NA0010_137_21_20200225_00011.jpg

Several rodent burrows observed at the landside toe. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**8.26**	Rating **	U	Issue No.	**43**
LM End	**8.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.862094 °	36.857892 °
				-120.317409 °	-120.316656 °
DWR ID	DWR_NA0010_18_s _ 2020_43				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_43_20200512_00036.jpg

View of the landside slope looking downstream. (Spring 2020)

LM Start	**8.55**	Rating **	M	Issue No.	**41**
LM End	**8.99**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.857892 °	36.851576 °
				-120.316656 °	-120.316386 °
DWR ID	DWR_NA0010_18_s _ 2020_41				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**8.67**	Rating **	U	Issue No.	**13**
LM End	**8.67**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.856115 °	36.856115 °
				-120.316595 °	-120.316595 °
DWR ID	DWR_NA0010_18_f _ 2017_13				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_13_20200225_00005.jpg

Looking south at the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**9.05**	Rating **	U	Issue No.	**58**
LM End	**9.49**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.850654 °	36.844339 °
				-120.316342 °	-120.316088 °
DWR ID	DWR_NA0010_18_s _ 2020_58				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_58_20200512_00037.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**9.05**	Rating **	U	Issue No.	**50**
LM End	**14.95**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.850654 °	36.778256 °
				-120.316342 °	-120.289239 °
DWR ID	DWR_NA0010_18_s _ 2020_50				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_50_20200512_00038.jpg

View of the waterside slope looking downstream. (Spring 2020)

LM Start	**9.49**	Rating **	M	Issue No.	**57**
LM End	**10.34**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.844210 °	36.835022 °
				-120.316084 °	-120.306326 °
DWR ID	DWR_NA0010_18_s _ 2020_57				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**10.35**	Rating **	U	Issue No.	**54**
LM End	**12.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.834972 °	36.807415 °
				-120.306263 °	-120.308602 °
DWR ID	DWR_NA0010_18_s _ 2020_54				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_54_20200512_00039.jpg

View of vegetation along the landside slope looking downstream. (Spring 2020)

LM Start	**12.01**	Rating **	M	Issue No.	**27**
LM End	**12.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.813516 °	36.812350 °
				-120.305860 °	-120.306369 °
DWR ID	DWR_NA0010_18_f _ 2018_27				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes noted along this section.

No Photos

LM Start	**12.46**	Rating **	M	Issue No.	**53**
LM End	**13.30**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.807415 °	36.795484 °
				-120.308602 °	-120.308246 °
DWR ID	DWR_NA0010_18_s _ 2020_53				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	
WS : Water Side	M : Minimally Acceptable	Ob : Design & System Obsolescence
	C : Corrected	
CR : Crown	U : Unacceptable	En : Enforcement
	A/W : Acceptable but Monitor & Maintain	

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**13.49**	Rating **	M	Issue No.	**52**
LM End	**14.16**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.793430 °	36.785283 °
				-120.306106 °	-120.300281 °
DWR ID	DWR_NA0010_18_s _ 2020_52				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**14.17**	Rating **	U	Issue No.	**51**
LM End	**14.95**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.785157 °	36.778256 °
				-120.300151 °	-120.289238 °
DWR ID	DWR_NA0010_18_s _ 2020_51				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_137_51_20200512_00040.jpg

Looking downstream along the landside slope. (Spring 2020)

LM Start	**14.18**	Rating **	M	Issue No.	**11**
LM End	**14.18**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.785107 °	36.785107 °
				-120.300107 °	-120.300107 °
DWR ID	DWR_NA0010_18_f _ 2018_11				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Chowchilla Canal Bypass	Left	15.35	04/22/2020 05/01/2020	Corey Fujitani

LM Start	**14.95**	Rating **	M	Issue No.	**49**
LM End	**15.10**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.778256 °	36.776495 °
				-120.289239 °	-120.287460 °
DWR ID	DWR_NA0010_18_s _ 2020_49				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**14.95**	Rating **	M	Issue No.	**48**
LM End	**15.30**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.778256 °	36.774071 °
				-120.289239 °	-120.285535 °
DWR ID	DWR_NA0010_18_s _ 2020_48				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**0.09**	Rating **	U	Issue No.	**10**
LM End	**5.51**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.206952 °	37.272392 °
				-120.696258 °	-120.741899 °
DWR ID	DWR_NA0010_22A_s _ 2020_10				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_138_10_20200513_00067.jpg

View of vegetation growing along the landside slope. (Spring 2020)

LM Start	**0.10**	Rating **	M	Issue No.	**260**
LM End	**0.10**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207039 °	37.207039 °
				-120.696255 °	-120.696255 °
DWR ID	19933				

Comment Code

Inspector Comment

DS_ID:19933
FS_ID:49959
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 07/19/2016 Gate inside riser appears operable--riser lid damage. Crossing is not visible on LS due to dense vegetation. Recommend clearing dense vegetation along WS and LS slope and repairing riser cover. (DWR UCIP - omagana)04/15/2014 No actuator wheel on slide gate at WS shoulder. (DWR UCIP - wwylie)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.8 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.10)].
FS Date: 7/19/2016

Photo 1 of 3 : UCIP_SP_2020_49959_61060.jpg

PVC pipes sticking up out of channel likely indicate pipe location on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**0.10**	Rating **	M	Issue No.	**260 (cont)**
LM End	**0.10**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.207039 °	37.207039 °
				-120.696255 °	-120.696255 °
DWR ID	19933				

Photo 2 of 3 : UCIP_SP_2020_49959_61061.jpg

Concrete headwall at toe of LS slope.

LM Start	**0.10**	Rating **	M	Issue No.	**260 (cont)**
LM End	**0.10**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_49959_61059.jpg

Concrete headwall at LS toe.

LM Start	**1.04**	Rating **	M	Issue No.	**42**
LM End	**1.04**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.220281 °	37.220281 °
				-120.698287 °	-120.698287 °
DWR ID	NA0010U22RM5.47				

Comment Code

Inspector Comment

Site ID: NA0010U22RM5.47
08/28/2019: Two erosion pockets were found at the site, close to levee shoulder, and likely caused by animal activities.

Photo 1 of 1 : SP_2020_NA0010_138_42_20200225_00051.jpg

Looking down at the erosion pocket.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**1.73**	Rating **	M	Issue No.	**16**
LM End	**1.73**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.229779 °	37.229779 °
				-120.701797 °	-120.701797 °
DWR ID	DWR_NA0010_22A_s _ 2018_16				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent holes are noted around the fence line.

No Photos

LM Start	**1.77**	Rating **	M	Issue No.	**27**
LM End	**1.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.230436 °	37.230436 °
				-120.701992 °	-120.701992 °
DWR ID	DWR_NA0010_22A_f _ 2018_27				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**2.20**	Rating **	M	Issue No.	**29**
LM End	**2.37**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.236392 °	37.238776 °
				-120.704165 °	-120.705028 °
DWR ID	DWR_NA0010_22A_f _ 2018_29				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

There is slope erosion from livestock, the slope is no longer 3:1. Monitor site.

Photo 1 of 1 : SP_2020_NA0010_138_29_20200225_00026.jpg

View of waterside slope from levee crown. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**2.65**	Rating **	A/W	Issue No.	**41**
LM End	**2.66**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.242595 °	37.242595 °
				-120.706470 °	-120.706470 °
DWR ID	NA0010U22RM3.87				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.87
04/23/2020: Fill and concrete has been placed on the waterside shoulder and slope. Monitor. 09/12/2019: The erosion has cut into the levee prism and damaged almost half of the levee. The livestock traffic has likely caused the erosion.

Photo 1 of 2 : SP_2020_NA0010_138_41_20200513_00069.jpg

View of repaired shoulder and slope. (Spring 2020)

LM Start	**2.65**	Rating **	A/W	Issue No.	**41 (cont)**
LM End	**2.66**	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2020_NA0010_138_41_20200225_00048.jpg

Looking down at the erosion pocket.

LM Start	**2.82**	Rating **	A/W	Issue No.	**40**
LM End	**2.83**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.244940 °	37.244940 °
				-120.707467 °	-120.707467 °
DWR ID	NA0010U22RM3.7				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.7
04/23/2020: Fill has been placed on the damaged shoulder and slope. Monitor. 09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

Photo 1 of 2 : SP_2020_NA0010_138_40_20200513_00070.jpg

Fill placed on eroded waterside shoulder and slope. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**2.82**	Rating **	A/W	Issue No.	**40 (cont)**
LM End	**2.83**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.244940 °	37.244940 °
				-120.707467 °	-120.707467 °
DWR ID	NA0010U22RM3.7				

Photo 2 of 2 : SP_2020_NA0010_138_40_20200225_00047.jpg

Close-up view of the erosion.

LM Start	**2.87**	Rating **	A/W	Issue No.	**39**
LM End	**2.87**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.245536 °	37.245536 °
				-120.708119 °	-120.708119 °
DWR ID	NA0010U22RM3.65				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.65
04/23/2020: Fill has been placed to repair the waterside slope and shoulder. Monitor. 09/12/2019: The erosion has damaged entire levee slope. The livestock traffic likely has caused the erosion.

Photo 1 of 2 : SP_2020_NA0010_138_39_20200513_00071.jpg

View of repaired waterside shoulder and slope. (Spring 2020)

LM Start	**2.87**	Rating **	A/W	Issue No.	**39 (cont)**
LM End	**2.87**	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2020_NA0010_138_39_20200225_00042.jpg

Looking down at the erosion pocket.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**2.96**	Rating **	A/W	Issue No.	**38**
LM End	**2.97**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.246408 °	37.246408 °
				-120.709197 °	-120.709197 °
DWR ID	NA0010U22RM3.56				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.56
04/23/2020: Site has be repaired using dirt fill and broken concrete. Monitor. 09/12/2019: The erosion has damaged entire levee slope. The livestock activity likely has caused the erosion.

Photo 1 of 2 : SP_2020_NA0010_138_38_20200513_00072.jpg

Fill and concrete placed on the damaged waterside shoulder and slope. (Spring 2020)

LM Start	**2.96**	Rating **	A/W	Issue No.	**38 (cont)**
LM End	**2.97**	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2020_NA0010_138_38_20200225_00039.jpg

Looking down at the erosion pocket.

LM Start	**3.14**	Rating **	U	Issue No.	**36**
LM End	**3.15**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.248257 °	37.248257 °
				-120.711547 °	-120.711547 °
DWR ID	NA0010U22RM3.38				

Comment Code

Inspector Comment

Site ID: NA0010U22RM3.38
09/12/2019: The erosion has damaged the entire levee slope. Livestock activity likely has caused the erosion.

Photo 1 of 1 : SP_2020_NA0010_138_36_20200225_00036.jpg

Close-up view of the erosion. Note the willow tree near the site.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**3.14**	Rating **	C	Issue No.	**19**
LM End	**3.14**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.248240 °	37.248240 °
				-120.711529 °	-120.711529 °
DWR ID	DWR_NA0010_22A_f _ 2019_19				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**3.44**	Rating **	U	Issue No.	**34**
LM End	**3.44**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251370 °	37.251370 °
				-120.715344 °	-120.715344 °
DWR ID	DWR_NA0010_22A_f _ 2018_34				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Broken concrete was placed on the waterside slope to prevent erosion from livestock. Concrete with rebar should be removed.

Photo 1 of 1 : SP_2020_NA0010_138_34_20200513_00074.jpg

Fill and concrete were placed to repair erosion on the waterside slope. Concrete with rebar should be removed. (Spring 2020)

LM Start	**3.47**	Rating **	U	Issue No.	**35**
LM End	**3.47**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.251621 °	37.251621 °
				-120.715649 °	-120.715649 °
DWR ID	DWR_NA0010_22A_f _ 2018_35				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Waterside slope erosion is from livestock activity. Slope stabilized with borken concrete. Concrete with rebar in it should be removed.

Photo 1 of 1 : SP_2020_NA0010_138_35_20200513_00073.jpg

Fill and concrete placed on the waterside slope. Rebar should be removed for safety. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**3.64**	Rating **	U	Issue No.	**9**
LM End	**3.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.253362 °	37.253862 °
				-120.717873 °	-120.718507 °
DWR ID	DWR_NA0010_22A_f _ 2016_9				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Broken concrete has been placed to limit further erosion. Rebar should be removed from the concrete.

Photo 1 of 1 : SP_2020_NA0010_138_9_20200513_00075.jpg

LM Start	**3.79**	Rating **	M	Issue No.	**11**
LM End	**3.79**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.254923 °	37.254923 °
				-120.719769 °	-120.719769 °
DWR ID	DWR_NA0010_22A_s _ 2014_11				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**3.80**	Rating **	C	Issue No.	**259**
LM End	**3.80**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255067 °	37.255067 °
				-120.719910 °	-120.719910 °
DWR ID	DWR_NA0010_22A_s _ 2015_259				

Comment Code

TR : Tree or limb

Inspector Comment

Dead tree stump on waterside slope.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**3.81**	Rating **	M	Issue No.	**13**
LM End	**3.81**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.255199 °	37.255199 °
				-120.720094 °	-120.720094 °
DWR ID	DWR_NA0010_22A_f _ 2017_13				

Comment Code

TR : Tree or limb

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_138_13_20200225_00014.jpg

Looking northeast at the waterside slope.

LM Start	**3.82**	Rating **	M	Issue No.	**14**
LM End	**3.82**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			37.255239 °	37.255239 °
				-120.720142 °	-120.720142 °
DWR ID	DWR_NA0010_22A_f _ 2017_14				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_138_14_20200225_00015.jpg

Looking northeast at the waterside slope. (Fall 2017)

LM Start	**4.11**	Rating **	M	Issue No.	**15**
LM End	**4.11**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.258353 °	37.258353 °
				-120.723824 °	-120.723824 °
DWR ID	DWR_NA0010_22A_f _ 2019_15				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_138_15_20200225_00016.jpg

View of erosion in the landside slope and shoulder from livestock traffic. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**4.26**	Rating **	A/W	Issue No.	**26**
LM End	**4.30**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.260111 °	37.260111 °
				-120.725900 °	-120.725900 °
DWR ID	NA0010U22RM2.25				

Comment Code

Inspector Comment

Site ID: NA0010U22RM2.25
09/12/2019: Erosion has developed into the lower levee slope. Loose material was observed at the site.

Photo 1 of 1 : SP_2020_NA0010_138_26_20200225_00022.jpg

Looking down at the erosion pocket.

LM Start	**4.28**	Rating **	U	Issue No.	**37**
LM End	**5.11**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.260111 °	37.268135 °
				-120.725900 °	-120.737130 °
DWR ID	DWR_NA0010_22A_f _ 2018_37				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Erosion is cutting into the waterside slope.

Photo 1 of 1 : SP_2020_NA0010_138_37_20200225_00038.jpg

View of waterside slope looking downstream. (Fall 2018)

LM Start	**4.87**	Rating **	A/W	Issue No.	**8**
LM End	**4.87**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265813 °	37.265813 °
				-120.733748 °	-120.733748 °
DWR ID	DWR_NA0010_22A_f _ 2016_8				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Levee damage caused by animal traffic. Several sites repaired with broken concrete.

Photo 1 of 1 : SP_2020_NA0010_138_8_20200225_00008.jpg

Looking downstream at repaired site with concrete rubble on waterward slope and shoulder. (Spring 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 22A East Side Canal	Left	5.51	04/23/2020 04/23/2020	Corey Fujitani

LM Start	**5.12**	Rating **	M	Issue No.	**6**
LM End	**5.49**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.268236 °	37.272262 °
				-120.737210 °	-120.741778 °
DWR ID	DWR_NA0010_22A_s _ 2012_6				

Comment Code

A2 : Repair the levee slope damaged by livestock and prevent large animal access.

Inspector Comment

Slope damage is caused by livestock on waterside toe.

Photo 1 of 1 : SP_2020_NA0010_138_6_20200225_00003.jpg

Looking southeast at livestock erosion on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**0.02**	Rating **	U	Issue No.	**31**
LM End	**0.57**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.774154 °	36.774052 °
				-120.283375 °	-120.275361 °
DWR ID	DWR_NA0010_23_s _ 2020_31				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_139_31_20200513_00043.jpg

View of the landside slope looking upstream. (Spring 2020)

LM Start	**0.21**	Rating **	M	Issue No.	**66**
LM End	**0.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.772713 °	36.772713 °
				-120.280670 °	-120.280670 °
DWR ID	19945				

Comment Code

Inspector Comment

DS_ID:19945
FS_ID:39537
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/03/2014 Excessive vegetation at inlet--recommend clearing. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. (Plans to construct a new discharge structure and to rehabilitate one existing diversion structure to return intercepted seepage to the San Joaquin River authorized under Permit No. 13085, 1981 - Diener, Dry River Farms). [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.21)].
FS Date: 4/3/2014

Photo 1 of 3 : UCIP_SP_2020_39537_59860.jpg

Concrete headwall on WS toe at channel.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**0.21**	Rating **	M	Issue No.	**66 (cont)**
LM End	**0.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.772713 °	36.772713 °
				-120.280670 °	-120.280670 °
DWR ID	19945				

Photo 2 of 3 : UCIP_SP_2020_39537_59859.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**0.21**	Rating **	M	Issue No.	**66 (cont)**
LM End	**0.21**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39537_59861.jpg

Concrete headwall at LS toe. Excess vegetation buildup at inlet.

LM Start	**0.39**	Rating **	C	Issue No.	**29**
LM End	**0.39**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.772233 °	36.772233 °
				-120.277532 °	-120.277532 °
DWR ID	DWR_NA0010_23_f _ 2019_29				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**0.45**	Rating **	M	Issue No.	**35**
LM End	**6.25**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.772721 °	36.786543 °
				-120.276711 °	-120.200872 °
DWR ID	DWR_NA0010_23_s _ 2020_35				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.57**	Rating **	M	Issue No.	**36**
LM End	**1.55**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.774079 °	36.771800 °
				-120.275331 °	-120.259173 °
DWR ID	DWR_NA0010_23_s _ 2020_36				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**1.09**	Rating **	U	Issue No.	**26**
LM End	**1.09**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.772743 °	36.772743 °
				-120.266800 °	-120.266800 °
DWR ID	DWR_NA0010_23_f _ 2017_26				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Need to repair the large rodent hole on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_139_26_20200225_00006.jpg

Looking at the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**1.21**	Rating **	M	Issue No.	**6**
LM End	**1.21**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.772973 °	36.772973 °
				-120.264768 °	-120.264768 °
DWR ID	DWR_NA0010_23_s _ 2013_6				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry bush on landside toe.

No Photos

LM Start	**1.52**	Rating **	C	Issue No.	**28**
LM End	**1.52**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.772066 °	36.772066 °
				-120.259545 °	-120.259545 °
DWR ID	DWR_NA0010_23_f _ 2017_28				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

LM Start	**1.87**	Rating **	C	Issue No.	**22**
LM End	**1.87**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.772373 °	36.772373 °
				-120.253843 °	-120.253843 °
DWR ID	DWR_NA0010_23_f _ 2016_22				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**1.91**	Rating **	M	Issue No.	**1**
LM End	**1.91**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.772943 °	36.772943 °
				-120.253511 °	-120.253511 °
DWR ID	DWR_NA0010_23_s _ 2015_1				

Comment Code

TR : Tree or limb

Inspector Comment

There is a downed tree on the waterside slope.

Photo 1 of 1 : SP_2020_NA0010_139_1_20200225_00001.jpg

View of fallen tree on the waterside slope. (Fall 2019)

LM Start	**1.92**	Rating **	C	Issue No.	**44**
LM End	**1.92**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.773000 °	36.773000 °
				-120.253472 °	-120.253472 °
DWR ID	DWR_NA0010_23_f _ 2018_44				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	**2.27**	Rating **	M	Issue No.	**38**
LM End	**2.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.775604 °	36.774122 °
				-120.249149 °	-120.246839 °
DWR ID	DWR_NA0010_23_s _ 2020_38				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

*** Location**	**** Rating**	**+ Issue Type**
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**2.36**	Rating **	M	Issue No.	**47**
LM End	**2.36**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.775128 °	36.775128 °
				-120.247661 °	-120.247661 °
DWR ID	DWR_NA0010_23_s _ 2020_47				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**2.41**	Rating **	M	Issue No.	**37**
LM End	**2.41**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.774528 °	36.774528 °
				-120.247068 °	-120.247068 °
DWR ID	DWR_NA0010_23_s _ 2018_37				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

No Photos

LM Start	**2.67**	Rating **	M	Issue No.	**40**
LM End	**2.67**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.771836 °	36.771836 °
				-120.244117 °	-120.244117 °
DWR ID	DWR_NA0010_23_f _ 2019_40				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**2.76**	Rating **	M	Issue No.	**48**
LM End	**2.93**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771561 °	36.771553 °
				-120.242418 °	-120.239304 °
DWR ID	DWR_NA0010_23_s _ 2020_48				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**2.85**	Rating **	U	Issue No.	**15**
LM End	**2.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771537 °	36.771537 °
				-120.240917 °	-120.240917 °
DWR ID	DWR_NA0010_23_s _ 2012_15				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry bush on landside toe. Growth encroaching over landside slope.

No Photos

LM Start	**3.30**	Rating **	U	Issue No.	**3**
LM End	**3.30**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.774403 °	36.774403 °
				-120.234705 °	-120.234705 °
DWR ID	DWR_NA0010_23_s _ 2012_3				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry on landside toe. Growth is encroaching on the landside slope.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**3.42**	Rating **	M	Issue No.	**49**
LM End	**4.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776106 °	36.783905 °
				-120.234633 °	-120.225651 °
DWR ID	DWR_NA0010_23_s _ 2020_49				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**3.45**	Rating **	M	Issue No.	**9**
LM End	**3.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.776537 °	36.776537 °
				-120.234573 °	-120.234573 °
DWR ID	DWR_NA0010_23_s _ 2012_9				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry on landside toe and berm.

No Photos

LM Start	**4.13**	Rating **	M	Issue No.	**34**
LM End	**4.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.784217 °	36.784217 °
				-120.228876 °	-120.228876 °
DWR ID	DWR_NA0010_23_s _ 2018_34				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**4.13**	Rating **	U	Issue No.	**10**
LM End	**4.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784212 °	36.784212 °
				-120.228815 °	-120.228815 °
DWR ID	DWR_NA0010_23_s _ 2012_10				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry on the landside toe. Growth is encroaching on the landside slope.

No Photos

LM Start	**4.45**	Rating **	U	Issue No.	**11**
LM End	**4.45**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.784523 °	36.784523 °
				-120.223292 °	-120.223292 °
DWR ID	DWR_NA0010_23_s _ 2012_11				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

Control the growth of the elderberry on the landside toe and berm.

No Photos

LM Start	**4.66**	Rating **	M	Issue No.	**50**
LM End	**5.89**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.787006 °	36.790997 °
				-120.221522 °	-120.202742 °
DWR ID	DWR_NA0010_23_s _ 2020_50				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**4.85**	Rating **	M	Issue No.	**62**
LM End	**4.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.789489 °	36.789489 °
				-120.220403 °	-120.220403 °
DWR ID	DWR_NA0010_23_s _ 2019_62				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_139_62_20200225_00014.jpg

View of damage to landside slope by vehicle traffic looking downstream. (Spring 2019)

LM Start	**5.68**	Rating **	U	Issue No.	**5**
LM End	**5.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.791981 °	36.791981 °
				-120.206274 °	-120.206274 °
DWR ID	DWR_NA0010_23_s _ 2012_5				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are several large rodent holes in this area.

Photo 1 of 1 : SP_2020_NA0010_139_5_20200225_00003.jpg

Looking at several rodent holes on landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**5.68**	Rating **	M	Issue No.	**70**
LM End	**5.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °
				-120.206226 °	-120.206226 °
DWR ID	19954				

Comment Code

Inspector Comment

DS_ID:19954
FS_ID:39542
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 36-inch by 36-inch square reinforced concrete box gravity drainage culvert through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. 5-foot-long cobble revetted outlet channel. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 5.71)].
FS Date: 4/3/2014

Photo 1 of 3 : UCIP_SP_2020_39542_59830.jpg

Concrete headwall on WS toe.

LM Start	**5.68**	Rating **	M	Issue No.	**70 (cont)**
LM End	**5.68**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39542_59829.jpg

Flapgate on Concrete headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**5.68**	Rating **	M	Issue No.	**70 (cont)**
LM End	**5.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.791936 °	36.791936 °
				-120.206226 °	-120.206226 °
DWR ID	19954				

Photo 3 of 3 : UCIP_SP_2020_39542_59831.jpg

Concrete headwall at LS toe.

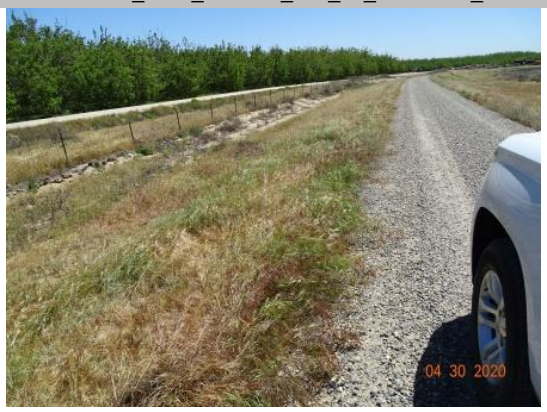
LM Start	**5.89**	Rating **	U	Issue No.	**52**
LM End	**9.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.790997 °	36.804152 °
				-120.202742 °	-120.171146 °
DWR ID	DWR_NA0010_23_s _ 2020_52				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_139_52_20200513_00044.jpg



Looking upstream along the landside slope. (Spring 2020)

LM Start	**6.25**	Rating **	U	Issue No.	**51**
LM End	**9.39**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.786543 °	36.804152 °
				-120.200872 °	-120.171146 °
DWR ID	DWR_NA0010_23_s _ 2020_51				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_139_51_20200513_00045.jpg

View of the waterside slope looking upstream. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**8.32**	Rating **	M	Issue No.	**72**
LM End	**8.32**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.792476 °	36.792476 °
				-120.181255 °	-120.181255 °
DWR ID	19940				

Comment Code

Inspector Comment

DS_ID:19940
FS_ID:39544
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/03/2014 Some sediment buildup at inlet at LS toe. Also dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.33)].
FS Date: 4/3/2014

Photo 1 of 3 : UCIP_SP_2020_39544_59823.jpg

Flapgate on WS toe.

LM Start	**8.32**	Rating **	M	Issue No.	**72 (cont)**
LM End	**8.32**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39544_59821.jpg

cocnrete headwall at drainage ditch on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**8.32**	Rating **	M	Issue No.	**72 (cont)**
LM End	**8.32**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.792476 °	36.792476 °
				-120.181255 °	-120.181255 °
DWR ID	19940				

Photo 3 of 3 : UCIP_SP_2020_39544_59822.jpg

Concrete headwall on LS toe.

LM Start	**8.52**	Rating **	M	Issue No.	**73**
LM End	**8.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.794108 °	36.794108 °
				-120.178171 °	-120.178171 °
DWR ID	19941				

Comment Code

Inspector Comment

DS_ID:19941
FS_ID:39545
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/03/2014 Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - W. Wylie)
FIELD_STRUCT_DESC: 30-inch by 30-inch square reinforced concrete box gravity drainage culvert through the levee, 5.6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) end. Concrete U-shaped headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.54)].
FS Date: 4/3/2014

Photo 1 of 3 : UCIP_SP_2020_39545_59817.jpg

Concrete headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**8.52**	Rating **	M	Issue No.	**73 (cont)**
LM End	**8.52**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.794108 °	36.794108 °
				-120.178171 °	-120.178171 °
DWR ID	19941				

Photo 2 of 3 : UCIP_SP_2020_39545_59819.jpg

Flapgate on Concrete headwall at WS toe.

LM Start	**8.52**	Rating **	M	Issue No.	**73 (cont)**
LM End	**8.52**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_39545_59818.jpg

Concrete headwall on LS toe.

LM Start	**8.97**	Rating **	M	Issue No.	**25**
LM End	**8.97**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.799606 °	36.799606 °
				-120.175395 °	-120.175395 °
DWR ID	DWR_NA0010_23_f _ 2016_25				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are rodent holes on the waterside shoulder.

Photo 1 of 1 : SP_2020_NA0010_139_25_20200225_00005.jpg

Looking at typical view of rodent hole on waterward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 23 San Joaquin River	Right	10.24	04/30/2020 04/30/2020	Corey Fujitani

LM Start	**9.19**	Rating **	M	Issue No.	**32**
LM End	**9.25**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.802456 °	36.803233 °
				-120.173675 °	-120.173162 °
DWR ID	DWR_NA0010_23_f _ 2017_32				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**9.74**	Rating **	M	Issue No.	**65**
LM End	**9.74**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			36.807603 °	36.807603 °
				-120.168825 °	-120.168825 °
DWR ID	DWR_NA0010_23_s _ 2019_65				

Comment Code

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_139_65_20200513_00046.jpg

Depressions forming in the levee crown. (Spring 2020)

LM Start	**9.79**	Rating **	M	Issue No.	**58**
LM End	**9.81**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			36.808317 °	36.808553 °
				-120.168820 °	-120.168827 °
DWR ID	DWR_NA0010_23_f _ 2018_58				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Woody vegetation is partially blocking crown and landside slope.

Photo 1 of 1 : SP_2020_NA0010_139_58_20200225_00013.jpg

Woody vegetation on landside toe obstructing landside of crown. (Spring 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**0.33**	Rating **	M	Issue No.	**35**
LM End	**5.22**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.769212 °	36.781677 °
				-120.283317 °	-120.225881 °
DWR ID	DWR_NA0010_24_s _ 2020_35				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**0.43**	Rating **	C	Issue No.	**20**
LM End	**0.43**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.767759 °	36.767759 °
				-120.283559 °	-120.283559 °
DWR ID	DWR_NA0010_24_f _ 2017_20				

Comment Code

TR : Tree or limb

Inspector Comment

No Photos

LM Start	**0.69**	Rating **	M	Issue No.	**37**
LM End	**1.22**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.765498 °	36.771437 °
				-120.280382 °	-120.274588 °
DWR ID	DWR_NA0010_24_s _ 2020_37				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**0.80**	Rating **	M	Issue No.	**6**
LM End	**0.84**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.766553 °	36.766962 °
				-120.278947 °	-120.278602 °
DWR ID	DWR_NA0010_24_s _ 2013_6				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes identified within this section.

Photo 1 of 1 : SP_2020_NA0010_140_6_20200514_00034.jpg

Rodent burrows in the landside slope. (Spring 2020)

LM Start	**1.75**	Rating **	M	Issue No.	**23**
LM End	**1.75**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.771119 °	36.771119 °
				-120.266173 °	-120.266173 °
DWR ID	DWR_NA0010_24_s _ 2018_23				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	**2.48**	Rating **	M	Issue No.	**29**
LM End	**2.48**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770007 °	36.770007 °
				-120.254027 °	-120.254027 °
DWR ID	DWR_NA0010_24_f _ 2019_29				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

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* 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

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**2.87**	Rating **	M	Issue No.	**34**
LM End	**5.37**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.771875 °	36.782239 °
				-120.248125 °	-120.223404 °
DWR ID	DWR_NA0010_24_s _ 2020_34				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**3.05**	Rating **	U	Issue No.	**51**
LM End	**3.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770146 °	36.769870 °
				-120.245703 °	-120.243877 °
DWR ID	DWR_NA0010_24_s _ 2019_51				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_140_51_20200225_00012.jpg

View of rodent holes in landside slope. (Spring 2019)

LM Start	**3.05**	Rating **	M	Issue No.	**31**
LM End	**3.05**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.770132 °	36.770132 °
				-120.245597 °	-120.245597 °
DWR ID	DWR_NA0010_24_f _ 2018_31				

Comment Code

A1 : Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are rodent holes in the waterside shoulder.

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**3.46**	Rating **	M	Issue No.	**7**
LM End	**3.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.769345 °	36.769345 °
				-120.238370 °	-120.238370 °
DWR ID	DWR_NA0010_24_s _ 2012_7				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There are several rodent holes on the landside slope.

Photo 1 of 1 : SP_2020_NA0010_140_7_20200225_00002.jpg

Looking east at one of several rodent holes on landward slope.

LM Start	**3.56**	Rating **	M	Issue No.	**28**
LM End	**3.59**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			36.768700 °	36.768531 °
				-120.236668 °	-120.236226 °
DWR ID	DWR_NA0010_24_f _ 2019_28				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_140_28_20200225_00008.jpg

View of rodent burrows in the landside slope. (Fall 2019)

LM Start	**3.77**	Rating **	M	Issue No.	**36**
LM End	**3.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.767784 °	36.767784 °
				-120.233252 °	-120.233252 °
DWR ID	DWR_NA0010_24_f _ 2018_36				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

There is damage to the levee slope from vehicle traffic. The landowner appears to have removed a section of fencing to allow access at this location.

Photo 1 of 1 : SP_2020_NA0010_140_36_20200225_00009.jpg

View of damage to slope from vehicle traffic. (Fall 2018)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**4.27**	Rating **	M	Issue No.	**17**
LM End	**4.27**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			36.772003 °	36.772003 °
				-120.230075 °	-120.230075 °
DWR ID	DWR_NA0010_24_f _ 2017_17				

Comment Code

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_140_17_20200225_00005.jpg

Looking southeast at the landside slope.

LM Start	**5.23**	Rating **	U	Issue No.	**33**
LM End	**5.37**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.781681 °	36.782239 °
				-120.225825 °	-120.223404 °
DWR ID	DWR_NA0010_24_s _ 2020_33				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_140_33_20200514_00035.jpg

View of vegetation on the waterside slope looking downstream. (Spring 2020)

LM Start	**5.37**	Rating **	M	Issue No.	**25**
LM End	**7.31**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.782239 °	36.779597 °
				-120.223404 °	-120.199405 °
DWR ID	DWR_NA0010_24_s _ 2020_25				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**6.72**	Rating **	M	Issue No.	**32**
LM End	**7.31**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			36.786740 °	36.779597 °
				-120.204772 °	-120.199405 °
DWR ID	DWR_NA0010_24_s _ 2020_32				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	**7.83**	Rating **	A/W	Issue No.	**11**
LM End	**7.83**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.775271 °	36.775271 °
				-120.192400 °	-120.192400 °
DWR ID	DWR_NA0010_24_f _ 2019_11				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_140_11_20200225_00004.jpg

Looking East down the waterside slope. (Fall 2019)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 24 San Joaquin River	Left	8.36	05/01/2020 05/01/2020	Corey Fujitani

LM Start	**8.33**	Rating **	M	Issue No.	**273**
LM End	**8.33**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			36.778084 °	36.778084 °
				-120.184454 °	-120.184454 °
DWR ID	19960				

Comment Code

Inspector Comment

DS_ID:19960
FS_ID:33272
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 04/08/2014 Barbed wire along levee shoulder--no access. Need to confirm crossing size and condition of crossing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity drainage pipe through the levee, 3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on the WS end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 8.32)].
FS Date: 4/8/2014

Photo 1 of 2 : UCIP_SP_2020_33272_60121.jpg

View of waterward side.

LM Start	**8.33**	Rating **	M	Issue No.	**273 (cont)**
LM End	**8.33**	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_33272_60120.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.00**	Rating **	U	Issue No.	**9**
LM End	**2.47**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.296306 °	37.271279 °
				-120.880674 °	-120.866679 °
DWR ID	DWR_NA0010_25_s _ 2020_9				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_141_9_20200514_00022.jpg

Looking upstream along the waterside slope. (Spring 2020)

LM Start	**0.00**	Rating **	U	Issue No.	**7**
LM End	**2.47**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.296305 °	37.271278 °
				-120.880674 °	-120.866679 °
DWR ID	DWR_NA0010_25_s _ 2020_7				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1 : SP_2020_NA0010_141_7_20200514_00024.jpg

View of the landside slope looking upstream. (Spring 2020)

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.02**	Rating **	M	Issue No.	**15**
LM End	**0.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296038 °	37.296038 °
				-120.880742 °	-120.880742 °
DWR ID	19965				

Comment Code

Inspector Comment

DS_ID:19965
FS_ID:39501
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible from landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.02)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_39501_67242.jpg

View of waterward side--dense vegetation on waterward side.

LM Start	**0.02**	Rating **	M	Issue No.	**15 (cont)**
LM End	**0.02**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39501_67240.jpg

Pipe daylight visible on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.02**	Rating **	M	Issue No.	**15 (cont)**
LM End	**0.02**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.296038 °	37.296038 °
				-120.880742 °	-120.880742 °
DWR ID	19965				

Photo 3 of 3 : UCIP_SP_2020_39501_67241.jpg

View of landward side--dense vegetation on landward side.

LM Start	**0.36**	Rating **	M	Issue No.	**16**
LM End	**0.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291173 °	37.291173 °
				-120.880731 °	-120.880731 °
DWR ID	19966				

Comment Code

Inspector Comment

DS_ID:19966
FS_ID:36851
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.35)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36851_67249.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.36**	Rating **	M	Issue No.	**16 (cont)**
LM End	**0.36**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.291173 °	37.291173 °
				-120.880731 °	-120.880731 °
DWR ID	19966				

Photo 2 of 3 : UCIP_SP_2020_36851_67248.jpg

Pipe outlet visible on waterward side.

LM Start	**0.36**	Rating **	M	Issue No.	**16 (cont)**
LM End	**0.36**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36851_67247.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.59**	Rating **	M	Issue No.	**17**
LM End	**0.59**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287744 °	37.287744 °
				-120.880645 °	-120.880645 °
DWR ID	19967				

Comment Code

Inspector Comment

DS_ID:19967
FS_ID:36852
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 14.7 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.59)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36852_67250.jpg

Overview of waterward side--Salt Slough.

LM Start	**0.59**	Rating **	M	Issue No.	**17 (cont)**
LM End	**0.59**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_36852_67251.jpg

View of waterward slope covered by dense vegetation.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.59**	Rating **	M	Issue No.	**17 (cont)**
LM End	**0.59**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.287744 °	37.287744 °
				-120.880645 °	-120.880645 °
DWR ID	19967				

Photo 3 of 3 : UCIP_SP_2020_36852_67252.jpg

Pipe and flap gate visible on waterward side.

LM Start	**0.97**	Rating **	M	Issue No.	**18**
LM End	**0.97**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °
				-120.880738 °	-120.880738 °
DWR ID	19968				

Comment Code

Inspector Comment

DS_ID:19968
FS_ID:36853
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 0.97)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36853_67256.jpg

View of waterward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**0.97**	Rating **	M	Issue No.	**18 (cont)**
LM End	**0.97**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.282252 °	37.282252 °
				-120.880738 °	-120.880738 °
DWR ID	19968				

Photo 2 of 3 : UCIP_SP_2020_36853_67255.jpg

Pipe and evidence of flap gate visible on waterward side.

LM Start	**0.97**	Rating **	M	Issue No.	**18 (cont)**
LM End	**0.97**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36853_67254.jpg

View of landward side.

LM Start	**1.00**	Rating **	M	Issue No.	**13**
LM End	**1.75**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.281791 °	37.281676 °
				-120.880747 °	-120.867253 °
DWR ID	DWR_NA0010_25_s _ 2018_13				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**1.86**	Rating **	M	Issue No.	**14**
LM End	**1.86**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.280055 °	37.280055 °
				-120.867177 °	-120.867177 °
DWR ID	DWR_NA0010_25_f _ 2019_14				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

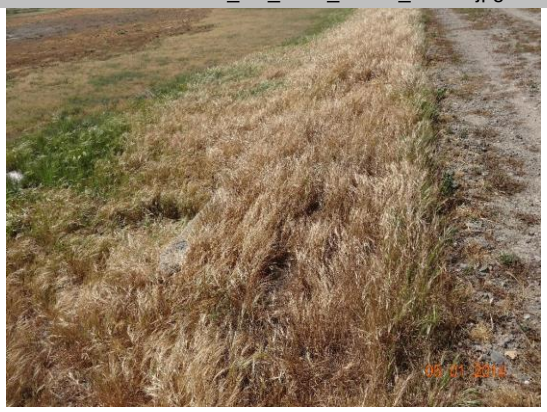
LM Start	**2.05**	Rating **	M	Issue No.	**19**
LM End	**2.05**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.277390 °	37.277390 °
				-120.867184 °	-120.867184 °
DWR ID	19969				

Comment Code

Inspector Comment

DS_ID:19969
FS_ID:36854
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.05)].
FS Date: 5/1/2014

Photo 1 of 3 : UCIP_SP_2020_36854_67259.jpg



View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**2.05**	Rating **	M	Issue No.	**19 (cont)**
LM End	**2.05**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.277390 °	37.277390 °
				-120.867184 °	-120.867184 °
DWR ID	19969				

Photo 2 of 3 : UCIP_SP_2020_36854_67260.jpg

View of waterward side.

LM Start	**2.05**	Rating **	M	Issue No.	**19 (cont)**
LM End	**2.05**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_36854_67261.jpg

Flap gate and concrete headwall located on waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**2.45**	Rating **	M	Issue No.	**20**
LM End	**2.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °
				-120.866819 °	-120.866819 °
DWR ID	19970				

Comment Code

Inspector Comment

DS_ID:19970
FS_ID:39502
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/01/2014 Dense vegetation limits the inspectors visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. Sediment buildup in pipe visible on landward side--recommend clearing. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.2 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002. USACE San Joaquin O&M Manual 601.1, 1967, (HLM 2.45)].
FS Date: 5/1/2014 4:04:00 PM

Photo 1 of 3 : UCIP_SP_2020_39502_67270.jpg

View of waterward side.

LM Start	**2.45**	Rating **	M	Issue No.	**20 (cont)**
LM End	**2.45**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_39502_67269.jpg

Pipe daylights at waterward toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable A/W : Acceptable but Monitor & Maintain	En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2020

Lower San Joaquin Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 25 Salt Slough	Right	2.49	04/20/2020 04/20/2020	Corey Fujitani

LM Start	**2.45**	Rating **	M	Issue No.	**20 (cont)**
LM End	**2.45**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.271599 °	37.271599 °
				-120.866819 °	-120.866819 °
DWR ID	19970				

Photo 3 of 3 : UCIP_SP_2020_39502_67268.jpg

View of landward side.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement