Flood Control Project Maintenance
Levee Inspections

LMA District Cover Sheet

Spring 2019 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

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

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indiction of risk.

Comments

Flood Control Project Maintenance
Levee Inspections

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 01 Deer Creek	Left	4.22

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2019 - 5/1/2019			
DWR Inspector	Makar Sokol			
Accompanied By	Ryan Teubert Tehama County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:
a) completion of the inspection
b) any changes other than the results of normal maintenance
c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start		Rating **	A	Issue No.	**12**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_12				

Comment Code

Inspector Comment

The LMA has O&M manuals.

No Photos

LM Start		Rating **	A	Issue No.	**13**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_13				

Comment Code

Inspector Comment

The LMA has adequate flood fight supplies and equipment.

No Photos

LM Start		Rating **	A	Issue No.	**14**
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_14				

Comment Code

Inspector Comment

The LMA completed flood fight training in 2017.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.01**	Rating **	M	Issue No.	**17**
LM End	**0.01**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.973111 °	39.973111 °
				-121.980466 °	-121.980466 °
DWR ID	DWR_NA0019_01_s _ 2013_17				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_17_20190327_00005.jpg

View of the erosion along the landside slope.

LM Start	**0.02**	Rating **	U	Issue No.	**275**
LM End	**0.02**	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.973128 °	39.973128 °
				-121.980734 °	-121.980734 °
DWR ID	DWR_NA0019_01_s _ 2014_275				

Comment Code

PI : Pipe

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_275_20190327_00019.jpg

View of the irrigation pipe along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.17**	Rating **	M	Issue No.	**277**
LM End	**0.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973302 °	39.973302 °
				-121.983538 °	-121.983538 °
DWR ID	24684				

Comment Code

Inspector Comment

FS_ID:53998
DS_ID:24684
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. Backflow prevention device is absent on this crossing. (DWR UCIP - O.Yakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 36-inch reinforced concrete irrigation pipe through the levee, 0.5 feet below the crown. Concrete canal and distribution structure on the landside (LS) shoulder.
FS Date: 5/14/2019 2:33:44 PM

Photo 1 of 3 : UCIP_SP_2019_53998_79242.jpg

Concrete headwall at irrigation canal on LS shoulder

LM Start	**0.17**	Rating **	M	Issue No.	**277 (cont)**
LM End	**0.17**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_53998_79243.jpg

Irrigation canal at LS shoulder

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.17**	Rating **	M	Issue No.	**277 (cont)**
LM End	**0.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973302 °	39.973302 °
				-121.983538 °	-121.983538 °
DWR ID	24684				

Comment Code

Inspector Comment

FS_ID:53998
DS_ID:24684
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. Backflow prevention device is absent on this crossing. (DWR UCIP - O.Yakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 36-inch reinforced concrete irrigation pipe through the levee, 0.5 feet below the crown. Concrete canal and distribution structure on the landside (LS) shoulder.
FS Date: 5/14/2019 2:33:44 PM

Photo 3 of 3 : UCIP_SP_2019_53998_79246.jpg

View of levee crown at the crossing

LM Start	**0.17**	Rating **	M	Issue No.	**278**
LM End	**0.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973285 °	39.973285 °
				-121.983531 °	-121.983531 °
DWR ID	24685				

Comment Code

Inspector Comment

FS_ID:53999
DS_ID:24685
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. (DWR UCIP - O.Yakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 24-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Concrete canal and distribution structure on the landside (LS) shoulder. Concrete U-shaped headwall and flap gate on the waterside (WS) toe.
FS Date: 5/14/2019 3:06:17 PM

Photo 1 of 3 : UCIP_SP_2019_53999_79247.jpg

Concrete headwall at irrigation canal on LS 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.17**	Rating **	M	Issue No.	**278 (cont)**
LM End	**0.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973285 °	39.973285 °
				-121.983531 °	-121.983531 °
DWR ID	24685				

Comment Code

Inspector Comment

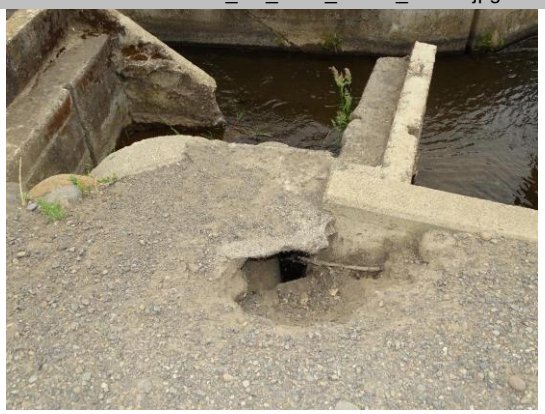
FS_ID:53999
DS_ID:24685
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. (DWR UCIP - O.Yakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 24-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Concrete canal and distribution structure on the landside (LS) shoulder. Concrete U-shaped headwall and flap gate on the waterside (WS) toe.
FS Date: 5/14/2019 3:06:17 PM

Photo 2 of 3 : UCIP_SP_2019_53999_79248.jpg

Irrigation canal at LS shoulder

LM Start	**0.17**	Rating **	M	Issue No.	**278 (cont)**
LM End	**0.17**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_53999_79249.jpg



Erosion 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.24**	Rating **	M	Issue No.	**279**
LM End	**0.24**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972918 °	39.972918 °
				-121.984747 °	-121.984747 °
DWR ID	20872				

Comment Code

Inspector Comment

FS_ID:54002
DS_ID:20872
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP-OYakimov)
FIELD_STRUCT_DESC: 24-inch pipe through the levee at an unknown depth Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-3328.
FS Date: 5/15/2019 4:03:46 PM

No Photos

LM Start	**0.39**	Rating **	M	Issue No.	**280**
LM End	**0.39**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972520 °	39.972520 °
				-121.987433 °	-121.987433 °
DWR ID	20873				

Comment Code

Inspector Comment

FS_ID:54001
DS_ID:20873
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP-OYakimov)
FIELD_STRUCT_DESC: 12-inch pipe through the levee at unknown depth below the crown. Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-3328.
FS Date: 5/14/2019 3:59:30 PM

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.41**	Rating **	A/W	Issue No.	**18**
LM End	**0.41**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.972560 °	39.972560 °
				-121.987759 °	-121.987759 °
DWR ID	DWR_NA0019_01_s _ 2013_18				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_18_20190327_00006.jpg

View of the erosion along the landside slope.

LM Start	**0.45**	Rating **	M	Issue No.	**276**
LM End	**0.45**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.972377 °	39.972377 °
				-121.988559 °	-121.988559 °
DWR ID	DWR_NA0019_01_s _ 2014_276				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_276_20190327_00020.jpg

View of the slope instability along the waterside slope.

LM Start	**0.46**	Rating **	M	Issue No.	**19**
LM End	**0.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.972339 °	39.972339 °
				-121.988763 °	-121.988763 °
DWR ID	DWR_NA0019_01_s _ 2013_19				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_19_20190327_00007.jpg

View of the erosion along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.49**	Rating **	M	Issue No.	**281**
LM End	**0.49**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972280 °	39.972280 °
				-121.989227 °	-121.989227 °
DWR ID	24686				

Comment Code

Inspector Comment

FS_ID:54000
DS_ID:24686
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. Backflow prevention device is absent on this crossing. (DWR UCIP - O.Yakimov)No permit identified for crossing.
FIELD_STRUCT_DESC: 20-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Concrete canal and distribution structure with slat boards on the landside (LS) shoulder.
FS Date: 5/14/2019 3:11:32 PM

Photo 1 of 3 : UCIP_SP_2019_54000_79253.jpg

Concrete canal/distribution box on LS shoulder

LM Start	**0.49**	Rating **	M	Issue No.	**281 (cont)**
LM End	**0.49**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54000_79254.jpg

View of 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.49**	Rating **	M	Issue No.	**281 (cont)**
LM End	**0.49**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972280 °	39.972280 °
				-121.989227 °	-121.989227 °
DWR ID	24686				

Comment Code

Inspector Comment

FS_ID:54000
DS_ID:24686
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is designed to drain excess of water from irridation canal to Deer Creek. Backflow prevention device is absent on this crossing. (DWR UCIP - O.Yakimov)No permit identified for crossing.
FIELD_STRUCT_DESC: 20-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Concrete canal and distribution structure with slat boards on the landside (LS) shoulder.
FS Date: 5/14/2019 3:11:32 PM

Photo 3 of 3 : UCIP_SP_2019_54000_79259.jpg

View of headwall from irrigation canal

LM Start	**0.89**	Rating **	M	Issue No.	**30**
LM End	**0.89**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.971005 °	39.971005 °
				-121.996351 °	-121.996351 °
DWR ID	DWR_NA0019_01_s _ 2019_30				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trees four inches in diameter or less at chest height should be removed from the landside slope.

Photo 1 of 1 : SP_2019_NA0019_78_30_20190506_00063.jpg

View of a small tree on the landside toe. 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.17**	Rating **	M	Issue No.	**282**
LM End	**1.17**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970140 °	39.970140 °
				-122.001338 °	-122.001338 °
DWR ID	20874				

Comment Code

Inspector Comment

FS_ID:54003
DS_ID:20874
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP-OYakimov)
FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth below the crown with Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 3:29:00 PM

No Photos

LM Start	**1.47**	Rating **	M	Issue No.	**21**
LM End	**1.47**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.969702 °	39.969702 °
				-122.006975 °	-122.006975 °
DWR ID	DWR_NA0019_01_f _ 2013_21				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Keep livestock off levee and repair damage.

Photo 1 of 1 : SP_2019_NA0019_78_21_20190327_00009.jpg

View of the erosion caused by livestock on both slopes of the levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.50**	Rating **	M	Issue No.	**283**
LM End	**1.50**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969505 °	39.969505 °
				-122.007588 °	-122.007588 °
DWR ID	20761				

Comment Code

Inspector Comment

FS_ID:54004
DS_ID:20761
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP-OYakimov)
FIELD_STRUCT_DESC: 24-inch pipe through the levee 10.0 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 3:31:00 PM

No Photos

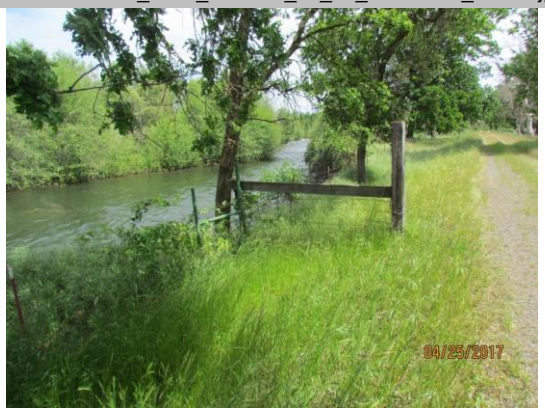
LM Start	**1.55**	Rating **	A/W	Issue No.	**42**
LM End	**1.58**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.969193 °	39.969052 °
				-122.008458 °	-122.008920 °
DWR ID	DWR_NA0019_01_s _ 2017_42				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 2 : SP_2019_NA0019_78_42_20190327_00016.jpg



View of the erosion along the waterside 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.55**	Rating **	A/W	Issue No.	**42 (cont)**
LM End	**1.58**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.969193 °	39.969052 °
				-122.008458 °	-122.008920 °
DWR ID	DWR_NA0019_01_s _ 2017_42				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 2 of 2 : SP_2019_NA0019_78_42_20190506_00065.jpg

View of the erosion along the waterside toe. Spring 2019.

LM Start	**1.56**	Rating **	A/W	Issue No.	**49**
LM End	**1.56**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.969169 °	39.969169 °
				-122.008643 °	-122.008643 °
DWR ID	DWR_NA0019_01_s _ 2018_49				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:Significant erosion on the waterside slope, 8-10 foot vertical bank for approximately 100-150?.
Site ID No:585
Site Designation:LMA-500
Repair Type: Erosion
Rating:Serious
Field Date:9/6/2017
Notes: Photos from during the 2017 storm event are attached and cover all of the sites in this RD.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.59**	Rating **	M	Issue No.	**284**
LM End	**1.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969024 °	39.969024 °
				-122.009054 °	-122.009054 °
DWR ID	20875				

Comment Code

Inspector Comment

FS_ID:54005
DS_ID:20875
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP-OYakimov)
FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth below the crown. Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 3:31:20 PM

No Photos

LM Start	**1.66**	Rating **	C	Issue No.	**31**
LM End	**1.66**	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.968670 °	39.968670 °
				-122.010271 °	-122.010271 °
DWR ID	DWR_NA0019_01_f _ 2016_31				

Comment Code

PR : Prunings

Inspector Comment

Remove prunings from the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.67**	Rating **	M	Issue No.	**285**
LM End	**1.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID	20770				

Comment Code

Inspector Comment

FS_ID:54006
DS_ID:20770
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe end on WS has been cleared from sediment buildup to let flap gate close properly, but the rest of pipe is still silted inside. Flap gate was fixed and operable now. (DWR UCIP - OYakimov)10/15/2018 Flap gate on WS end stuck open. Lower part of pipe is silted that makes impossible flap gate to fully close. Needs sediment cleanup around pipe oulet on WS. (O.Yakimov - DWR)12/05/2016 Sediment buildup inside pipe (see photo) and sediment buildup on WS blocking flap gate. Crossing has been downgraded from Urgent to Non-Urgent crossing was closed on both WS and LS. (O. Magana - DWR UCIP)10/02/2013 Flapgate blocked by soil buildup. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch steel drainage pipe through the levee, 1.5 feet below the crown. Flap gate on the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawings available 50-4-2394 (Station 185+40)].
FS Date: 5/14/2019 3:33:54 PM

Photo 1 of 3 : UCIP_SP_2019_54006_79261.jpg

LS view of concrete headwall with wood panel blocking opening

LM Start	**1.67**	Rating **	M	Issue No.	**285 (cont)**
LM End	**1.67**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_54006_79262.jpg

Flap gate 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.67**	Rating **	M	Issue No.	**285 (cont)**
LM End	**1.67**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID	20770				

Comment Code

Inspector Comment

FS_ID:54006
DS_ID:20770
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe end on WS has been cleared from sediment buildup to let flap gate close properly, but the rest of pipe is still silted inside. Flap gate was fixed and operable now. (DWR UCIP - OYakimov)10/15/2018 Flap gate on WS end stuck open. Lower part of pipe is silted that makes impossible flap gate to fully close. Needs sediment cleanup around pipe oulet on WS. (O.Yakimov - DWR)12/05/2016 Sediment buildup inside pipe (see photo) and sediment buildup on WS blocking flap gate. Crossing has been downgraded from Urgent to Non-Urgent crossing was closed on both WS and LS. (O. Magana - DWR UCIP)10/02/2013 Flapgate blocked by soil buildup. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch steel drainage pipe through the levee, 1.5 feet below the crown. Flap gate on the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawings available 50-4-2394 (Station 185+40)].
FS Date: 5/14/2019 3:33:54 PM

Photo 3 of 3 : UCIP_SP_2019_54006_79263.jpg

Sediment was cleared around flap gate

LM Start	**1.79**	Rating **	U	Issue No.	**2**
LM End	**2.22**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.969443 °	39.966921 °
				-122.012261 °	-122.019469 °
DWR ID	DWR_NA0019_01_s _ 2012_2				

Comment Code

DT : Ditch

Inspector Comment

Repair the cleaned out irrigation ditch along the landside toe.

Photo 1 of 2 : SP_2019_NA0019_78_2_20190327_00001.jpg

View of the irrigation ditch along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.79**	Rating **	U	Issue No.	**2 (cont)**
LM End	**2.22**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.969443°	39.966921°
				-122.012261°	-122.019469°
DWR ID	DWR_NA0019_01_s _ 2012_2				

Comment Code

DT : Ditch

Inspector Comment

Repair the cleaned out irrigation ditch along the landside toe.

Photo 2 of 2 : SP_2019_NA0019_78_2_20190327_00002.jpg

View of an agricultural ditch along the levee toe.

LM Start	**1.85**	Rating **	M	Issue No.	**32**
LM End	**1.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.969223°	39.969223°
				-122.013351°	-122.013351°
DWR ID	DWR_NA0019_01_f _ 2016_32				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.88**	Rating **	M	Issue No.	**286**
LM End	**1.88**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969156 °	39.969156 °
				-122.013809 °	-122.013809 °
DWR ID	24690				

Comment Code

Inspector Comment

FS_ID:54007
DS_ID:24690
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 No changes to the crossing. (DWR UCIP - OYakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch steel communications conduit through the levee, at an unknown depth. Junction box off the landside (LS) toe next to JP and roadway. Conduit visible on upstream side of bridge at Deer Creek crossing.
FS Date: 5/14/2019 3:54:01 PM

Photo 1 of 3 : UCIP_SP_2019_54007_39065.jpg

Conduit visible at upstream side of bridge

LM Start	**1.88**	Rating **	M	Issue No.	**286 (cont)**
LM End	**1.88**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54007_79265.jpg

Leninger Rd bridge looking north. Communication box on road 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.88**	Rating **	M	Issue No.	**286 (cont)**
LM End	**1.88**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969156 °	39.969156 °
				-122.013809 °	-122.013809 °
DWR ID	24690				

Comment Code

Inspector Comment

FS_ID:54007
DS_ID:24690
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 No changes to the crossing. (DWR UCIP - OYakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch steel communications conduit through the levee, at an unknown depth. Junction box off the landside (LS) toe next to JP and roadway. Conduit visible on upstream side of bridge at Deer Creek crossing.
FS Date: 5/14/2019 3:54:01 PM

Photo 3 of 3 : UCIP_SP_2019_54007_79266.jpg

Underground conduit goes toward the levee

LM Start	**1.89**	Rating **	U	Issue No.	**287**
LM End	**1.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID	20769				

Comment Code

Inspector Comment

FS_ID:54008
DS_ID:20769
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 No change to the crossing since last inspection. (DWR UCIP - OYakimov)10/15/2018 Flapgate on WS is missing, pipe partially blocked with sediment. (O.Yakimov - DWR)12/05/2016 same as last inspection. Crossing remains "Urgent" WS opened during flood season due to damaged flap gate. (O. Magana - DWR UCIP)10/02/2013 Flapgate missing or burried on WS toe. Pipe partially blocked by soil on WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate located on the waterside (WS) end. A 5-foot by 5-foot concrete control structure located on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawing no. 50-4-2394 (Station 176+10)].
FS Date: 5/14/2019 4:05:54 PM

Photo 1 of 3 : UCIP_SP_2019_54008_79270.jpg

Overview of levee crown where pipe crosses

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.89**	Rating **	U	Issue No.	**287 (cont)**
LM End	**1.89**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID	20769				

Comment Code

Inspector Comment

FS_ID:54008
DS_ID:20769
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 No change to the crossing since last inspection. (DWR UCIP - OYakimov)10/15/2018 Flapgate on WS is missing, pipe partially blocked with sediment. (O.Yakimov - DWR)12/05/2016 same as last inspection. Crossing remains "Urgent" WS opened during flood season due to damaged flap gate. (O. Magana - DWR UCIP)10/02/2013 Flapgate missing or burried on WS toe. Pipe partially blocked by soil on WS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate located on the waterside (WS) end. A 5-foot by 5-foot concrete control structure located on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawing no. 50-4-2394 (Station 176+10)].
FS Date: 5/14/2019 4:05:54 PM

Photo 2 of 3 : UCIP_SP_2019_54008_79271.jpg

Partially silted pipe at WS toe missing flap gate

LM Start	**1.89**	Rating **	U	Issue No.	**287 (cont)**
LM End	**1.89**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_54008_79268.jpg

Concrete outfall structure at LS toe and irrigation canal

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.94**	Rating **	M	Issue No.	**40**
LM End	**1.94**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.969028 °	39.969028 °
				-122.015000 °	-122.015000 °
DWR ID	DWR_NA0019_01_s _ 2019_40				

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the landside toe.

No Photos

LM Start	**2.07**	Rating **	M	Issue No.	**47**
LM End	**2.07**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.968017 °	39.968017 °
				-122.017025 °	-122.017025 °
DWR ID	DWR_NA0019_01_s _ 2019_47				

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the landside toe.

No Photos

LM Start	**2.07**	Rating **	M	Issue No.	**48**
LM End	**2.07**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.968006 °	39.968006 °
				-122.017035 °	-122.017035 °
DWR ID	DWR_NA0019_01_s _ 2019_48				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

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

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.30**	Rating **	M	Issue No.	**288**
LM End	**2.30**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.967082 °	39.967082 °
				-122.021008 °	-122.021008 °
DWR ID	20768				

Comment Code

Inspector Comment

FS_ID:54009
DS_ID:20768
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 24-inch pipe through the levee, 4.8 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 8:35:24 AM

No Photos

LM Start	**2.38**	Rating **	M	Issue No.	**289**
LM End	**2.38**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.967415 °	39.967415 °
				-122.022490 °	-122.022490 °
DWR ID	20876				

Comment Code

Inspector Comment

FS_ID:54010
DS_ID:20876
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 12-inch pipe through the levee 5-feet below the crown. Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 8:36:22 AM

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.53**	Rating **	C	Issue No.	**39**
LM End	**2.53**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.966675 °	39.966675 °
				-122.024988 °	-122.024988 °
DWR ID	DWR_NA0019_01_s _ 2017_39				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Repair the erosion along the waterside slope.

No Photos

LM Start	**2.55**	Rating **	A/W	Issue No.	**46**
LM End	**2.58**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.966661 °	39.966330 °
				-122.025369 °	-122.025850 °
DWR ID	DWR_NA0019_01_f _ 2017_46				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:176
Site Designation:LMA-23
Repair Type: Erosion
Rating:Area of Concern
Field Date:6/6/2017
Notes: Problem area is not within the levee prism. The erosion exists near the crest.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.57**	Rating **	M	Issue No.	**290**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID	20877				

Comment Code

Inspector Comment

FS_ID:54011
DS_ID:20877
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe outlet and headwall were excavated to evaluate pipe condition. Pipe is completely filled with soil that makes impossible to clear it for DMP internal video inspection. Pipe may be rehabilitated under DMP Phase II or removed. Excavated soil was backfilled. (DWR UCIP - OYakimov)Headwall covered with soil. Needs to be cleared at both ends.
FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 5-feet below the crown. Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 8:37:31 AM

Photo 1 of 3 : UCIP_SP_2019_54011_79272.jpg

Concrete headwall on LS toe

LM Start	**2.57**	Rating **	M	Issue No.	**290 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_54011_79273.jpg

Concrete headwall on LS toe: top of pipe visible

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.57**	Rating **	M	Issue No.	**290 (cont)**
LM End	**2.57**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID	20877				

Comment Code

Inspector Comment

FS_ID:54011
DS_ID:20877
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe outlet and headwall were excavated to evaluate pipe condition. Pipe is completely filled with soil that makes impossible to clear it for DMP internal video inspection. Pipe may be rehabilitated under DMP Phase II or removed. Excavated soil was backfilled. (DWR UCIP - OYakimov)Headwall covered with soil. Needs to be cleared at both ends.
FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee 5-feet below the crown. Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 5/14/2019 8:37:31 AM

Photo 3 of 3 : UCIP_SP_2019_54011_79274.jpg

Pipe outlet discovered at WS toe. Visible gap between flap gate and pipe

LM Start	**2.75**	Rating **	A/W	Issue No.	**45**
LM End	**2.75**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.964900 °	39.965030 °
				-122.029000 °	-122.028700 °
DWR ID	DWR_NA0019_01_f _ 2017_45				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:271
Site Designation:LMA-72
Repair Type: Erosion
Rating:Serious
Field Date:6/6/2017
Notes:

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.76**	Rating **	A/W	Issue No.	**43**
LM End	**2.78**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.964990 °	39.964763 °
				-122.028740 °	-122.029082 °
DWR ID	DWR_NA0019_01_s _ 2017_43				

Comment Code

E1 : Note and monitor erosion site.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_43_20190327_00017.jpg

View of erosion along waterside toe.

LM Start	**2.78**	Rating **	M	Issue No.	**50**
LM End	**2.78**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.964798 °	39.964798 °
				-122.028988 °	-122.028988 °
DWR ID	DWR_NA0019_01_s _ 2019_50				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.86**	Rating **	M	Issue No.	**291**
LM End	**2.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID	20767				

Comment Code

Inspector Comment

FS_ID:54012
DS_ID:20767
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe outlet and headwall were excavated to evaluate pipe condition. Discovered a concrete pipe that connects nearby ditch with inlet of this crossing to drain water from the ditch. Cleared pipe outlet at WS toe. (DWR UCIP - OYakimov)
Pipe blocked by soil.
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 509, March 1957, (Assumed Station 137+50) Drawing No. 50-4-2394].
FS Date: 5/14/2019 9:02:19 AM

Photo 1 of 3 : UCIP_SP_2019_54012_79276.jpg

Headwal and concrete pipe at LS toe

LM Start	**2.86**	Rating **	M	Issue No.	**291 (cont)**
LM End	**2.86**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_54012_79277.jpg

View of landside with headwall at the 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.86**	Rating **	M	Issue No.	**291 (cont)**
LM End	**2.86**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID	20767				

Comment Code

Inspector Comment

FS_ID:54012
DS_ID:20767
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe outlet and headwall were excavated to evaluate pipe condition. Discovered a concrete pipe that connects nearby ditch with inlet of this crossing to drain water from the ditch. Cleared pipe outlet at WS toe. (DWR UCIP - OYakimov)
Pipe blocked by soil.
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 509, March 1957, (Assumed Station 137+50) Drawing No. 50-4-2394].
FS Date: 5/14/2019 9:02:19 AM

Photo 3 of 3 : UCIP_SP_2019_54012_79278.jpg

Pipe outlet with flap gate at WS toe

LM Start	**2.86**	Rating **	M	Issue No.	**38**
LM End	**2.86**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.963928 °	39.963928 °
				-122.030120 °	-122.030120 °
DWR ID	DWR_NA0019_01_f _ 2014_38				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_38_20190327_00013.jpg

View of slope instability from the cattle on both slopes.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water 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

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.88**	Rating **	M	Issue No.	**51**
LM End	**3.08**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.963752 °	39.961643 °
				-122.030309 °	-122.032974 °
DWR ID	DWR_NA0019_01_s _ 2019_51				

Comment Code

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

Inspector Comment

No Photos

LM Start	**2.88**	Rating **	M	Issue No.	**20**
LM End	**2.88**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.963709 °	39.963709 °
				-122.030384 °	-122.030384 °
DWR ID	DWR_NA0019_01_s _ 2013_20				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_20_20190327_00008.jpg

View of the instability along the landside slope.

LM Start	**2.93**	Rating **	M	Issue No.	**52**
LM End	**2.93**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.963194 °	39.963194 °
				-122.031035 °	-122.031035 °
DWR ID	DWR_NA0019_01_s _ 2019_52				

Comment Code

T4 : Trim trees over roadway to at least 12 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.06**	Rating **	M	Issue No.	**37**
LM End	**3.06**	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.961798 °	39.961798 °
				-122.032723 °	-122.032723 °
DWR ID	DWR_NA0019_01_f _ 2015_37				

Comment Code

EQ : Equipment

Inspector Comment

Remove the scrap equipment along the waterside toe.

Photo 1 of 1 : SP_2019_NA0019_78_37_20190327_00012.jpg

View of the scrap equipment along the waterside toe.

LM Start	**3.14**	Rating **	M	Issue No.	**33**
LM End	**3.37**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.948220 °	39.947059 °
				-122.046250 °	-122.050260 °
DWR ID	DWR_NA0019_01_f _ 2016_33				

Comment Code

DT : Ditch

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

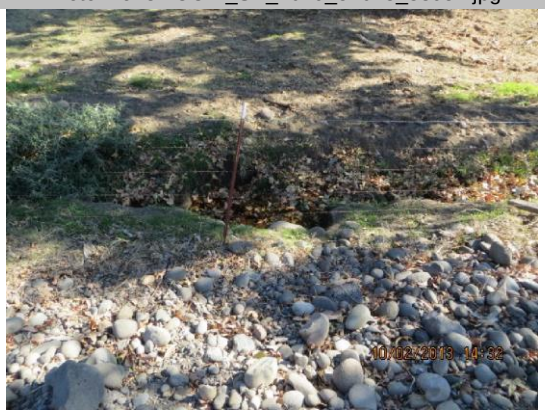
LM Start	**3.29**	Rating **	M	Issue No.	**292**
LM End	**3.29**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID	20766				

Comment Code

Inspector Comment

FS_ID:54013
DS_ID:20766
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Unable to locate low spot. Crossing not found. Crossing status updated to Not Found and suggested to include this crossing to geophysical survey to determine accurate location. (DWR UCIP - OYakimov)Pipe buried. Water flows to low spot and dissapears, but pipe not visible.
FIELD_STRUCT_DESC: 24-inch pipe through the levee 8-feet below the crown, flap gate on waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394.
FS Date: 5/14/2019 9:35:22 AM

Photo 1 of 3 : UCIP_SP_2019_54013_38952.jpg



Low spot with water on LS toe.

LM Start	**3.29**	Rating **	M	Issue No.	**292 (cont)**
LM End	**3.29**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54013_38951.jpg

Low spot with water on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.29**	Rating **	M	Issue No.	**292 (cont)**
LM End	**3.29**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID	20766				

Comment Code

Inspector Comment

FS_ID:54013
DS_ID:20766
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Unable to locate low spot. Crossing not found. Crossing status updated to Not Found and suggested to include this crossing to geophysical survey to determine accurate location. (DWR UCIP - OYakimov)Pipe buried. Water flows to low spot and dissapears, but pipe not visible.
FIELD_STRUCT_DESC: 24-inch pipe through the levee 8-feet below the crown, flap gate on waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394.
FS Date: 5/14/2019 9:35:22 AM

Photo 3 of 3 : UCIP_SP_2019_54013_38953.jpg

Low spot on LS toe where water dissapears from levee toe. Unable to identify exact location of pipe on LS toe.

LM Start	**3.40**	Rating **	U	Issue No.	**53**
LM End	**3.40**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.946908 °	39.946908 °
				-122.050770 °	-122.050770 °
DWR ID	DWR_NA0019_01_s _ 2019_53				

Comment Code

TR : Tree or limb

Inspector Comment

The fallen tree should be removed from the crown.

Photo 1 of 1 : SP_2019_NA0019_78_53_20190506_00064.jpg

View of a fallen tree on the crown, blocking the access. Spring 2019.

* 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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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.46**	Rating **	M	Issue No.	**34**
LM End	**3.46**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.946831 °	39.946831 °
				-122.051940 °	-122.051940 °
DWR ID	DWR_NA0019_01_f _ 2016_34				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.53**	Rating **	M	Issue No.	**293**
LM End	**3.53**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.946360 °	39.946360 °
				-122.053215 °	-122.053215 °
DWR ID	20765				

Comment Code

Inspector Comment

FS_ID:54014
DS_ID:20765
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Communication cable junction box is visible on LS shoulder, joint pole and a sign on WS slope. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: Telephone cable through levee at unknown depth below the crown. Junction box on LS shoulder and a Joint pole on the WS slope.
FS Date: 5/14/2019 9:44:46 AM

Photo 1 of 3 : UCIP_SP_2019_54014_79281.jpg

View of levee crown at the crossing. Communication box on LS 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.53**	Rating **	M	Issue No.	**293 (cont)**
LM End	**3.53**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.946360 °	39.946360 °
				-122.053215 °	-122.053215 °
DWR ID	20765				

Comment Code

Inspector Comment

FS_ID:54014
DS_ID:20765
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Communication cable junction box is visible on LS shoulder, joint pole and a sign on WS slope. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: Telephone cable through levee at unknown depth below the crown. Junction box on LS shoulder and a Joint pole on the WS slope.
FS Date: 5/14/2019 9:44:46 AM

Photo 2 of 3 : UCIP_SP_2019_54014_39143.jpg

Communication cable junction box on LS shoulder.

LM Start	**3.53**	Rating **	M	Issue No.	**293 (cont)**
LM End	**3.53**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_54014_39142.jpg

Communication cable visible at joint pole 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.57**	Rating **	M	Issue No.	**294**
LM End	**3.57**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.946085 °	39.946085 °
				-122.053832 °	-122.053832 °
DWR ID	20764				

Comment Code

Inspector Comment

FS_ID:54015
DS_ID:20764
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 36-inch pipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Slide gate on the landward end.
FS Date: 5/14/2019 9:59:38 AM

No Photos

LM Start	**3.58**	Rating **	M	Issue No.	**35**
LM End	**3.58**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.946051 °	39.946051 °
				-122.053985 °	-122.053985 °
DWR ID	DWR_NA0019_01_f _ 2016_35				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_35_20190327_00011.jpg

View of the vegetation along the landside slope and 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.59**	Rating **	U	Issue No.	**295**
LM End	**3.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID	24687				

Comment Code

Inspector Comment

FS_ID:54016
DS_ID:24687
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Debris inside of pipe outlet on WS should be cleared for proper flap gate operation. (DWR UCIP - OYakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end.
FS Date: 5/14/2019 10:08:10 AM

Photo 1 of 3 : UCIP_SP_2019_54016_79282.jpg

VIew of pipe outlet on WS

LM Start	**3.59**	Rating **	U	Issue No.	**295 (cont)**
LM End	**3.59**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54016_79283.jpg

Debris inside the pipe

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.59**	Rating **	U	Issue No.	**295 (cont)**
LM End	**3.59**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID	24687				

Comment Code

Inspector Comment

FS_ID:54016
DS_ID:24687
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Debris inside of pipe outlet on WS should be cleared for proper flap gate operation. (DWR UCIP - OYakimov)No permit identified for this crossing.
FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end.
FS Date: 5/14/2019 10:08:10 AM

Photo 3 of 3 : UCIP_SP_2019_54016_39070.jpg

Pipe visible on LS toe

LM Start	**3.60**	Rating **	U	Issue No.	**296**
LM End	**3.60**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945952 °	39.945952 °
				-122.054259 °	-122.054259 °
DWR ID	24688				

Comment Code

Inspector Comment

FS_ID:54017
DS_ID:24688
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Debris inside of pipe outlet on WS should be cleared for proper flap gate operation. (DWR UCIP - OYakimov)No permit identified for this crossing. Brush should be removed from flapgate outlet.
FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end.
FS Date: 5/14/2019 10:12:38 AM

Photo 1 of 3 : UCIP_SP_2019_54017_79284.jpg

Flap gate on WS

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.60**	Rating **	U	Issue No.	**296 (cont)**
LM End	**3.60**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945952 °	39.945952 °
				-122.054259 °	-122.054259 °
DWR ID	24688				

Comment Code

Inspector Comment

FS_ID:54017
DS_ID:24688
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Debris inside of pipe outlet on WS should be cleared for proper flap gate operation. (DWR UCIP - OYakimov)No permit identified for this crossing. Brush should be removed from flapgate outlet.
FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end.
FS Date: 5/14/2019 10:12:38 AM

Photo 2 of 3 : UCIP_SP_2019_54017_79285.jpg

View of pipe inlet at LS toe

LM Start	**3.60**	Rating **	U	Issue No.	**296 (cont)**
LM End	**3.60**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_54017_39073.jpg

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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.60**	Rating **	U	Issue No.	**297**
LM End	**3.60**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID	24689				

Comment Code

Inspector Comment

FS_ID:54018
DS_ID:24689
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Flap gate needs to be restored to working condition and debris cleared at pipe outlet. (DWR UCIP - OYakimov)10/15/2018 Per conversation with district manager Ryan Teubert one of the hinges of flap gate at WS end was bent that makes impossible to close gate completely. Brush at outlet. (O.Yakimov - DWR)12/05/2016 same as last inspection. Crossing has been downgraded from Urgent to Non-Urgent WS flap gate is closed. Recommend clearing dense vegetation on WS and completing an internal inspection to determine condition of the pipe through the levee. (O. Magana - DWR UCIP)10/03/2013 Flapgate does not fully close. Needs brush cleared away from outlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe.
FS Date: 5/14/2019 10:21:52 AM

Photo 1 of 3 : UCIP_SP_2019_54018_79286.jpg

View of pipe inlet at LS toe

LM Start	**3.60**	Rating **	U	Issue No.	**297 (cont)**
LM End	**3.60**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54018_78195.jpg

Pipe inlet 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.60**	Rating **	U	Issue No.	**297 (cont)**
LM End	**3.60**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID	24689				

Comment Code

Inspector Comment

FS_ID:54018
DS_ID:24689
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Flap gate needs to be restored to working condition and debris cleared at pipe outlet. (DWR UCIP - OYakimov)10/15/2018 Per conversation with district manager Ryan Teubert one of the hinges of flap gate at WS end was bent that makes impossible to close gate completely. Brush at outlet. (O.Yakimov - DWR)12/05/2016 same as last inspection. Crossing has been downgraded from Urgent to Non-Urgent WS flap gate is closed. Recommend clearing dense vegetation on WS and completing an internal inspection to determine condition of the pipe through the levee. (O. Magana - DWR UCIP)10/03/2013 Flapgate does not fully close. Needs brush cleared away from outlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe.
FS Date: 5/14/2019 10:21:52 AM

Photo 3 of 3 : UCIP_SP_2019_54018_78196.jpg

Inside view of the pipe looking from LS

LM Start	**3.61**	Rating **	U	Issue No.	**36**
LM End	**3.69**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.945845 °	39.944878 °
				-122.054329 °	-122.053281 °
DWR ID	DWR_NA0019_01_f _ 2016_36				

Comment Code

DT : Ditch

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.66**	Rating **	M	Issue No.	**298**
LM End	**3.66**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945206 °	39.945206 °
				-122.053672 °	-122.053672 °
DWR ID	20878				

Comment Code

Inspector Comment

FS_ID:54019
DS_ID:20878
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 36-inch pipe through the levee at unknown depth below the crown. Calco slide gate and Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394.
FS Date: 5/14/2019 10:30:53 AM

No Photos

LM Start	**3.67**	Rating **	M	Issue No.	**299**
LM End	**3.67**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945184 °	39.945184 °
				-122.053638 °	-122.053638 °
DWR ID	20879				

Comment Code

Inspector Comment

FS_ID:54020
DS_ID:20879
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing not found (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 12-inch pipe through the levee at unknown depth below the crown. Calco slide gate and Calco automatic drainage gate. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394.
FS Date: 5/14/2019 10:32:02 AM

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.68**	Rating **	M	Issue No.	**15**
LM End	**3.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.945045 °	39.945045 °
				-122.053469 °	-122.053469 °
DWR ID	DWR_NA0019_01_f _ 2012_15				

Comment Code

S1 : Repair slope instability.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_15_20190327_00003.jpg

View of the instability caused by livestock along the landside slope.

LM Start	**3.75**	Rating **	M	Issue No.	**300**
LM End	**3.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944460 °	39.944460 °
				-122.053930 °	-122.053930 °
DWR ID	20763				

Comment Code

Inspector Comment

FS_ID:54021
DS_ID:20763
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Backflow prevention device is not needed because LS elevation is higher then WS. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 12-inch concrete drainage pipe, through the levee, 2-feet below the crown.
FS Date: 5/14/2019 10:34:40 AM

Photo 1 of 3 : UCIP_SP_2019_54021_79289.jpg

View of pipe outlet at WS toe

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.75**	Rating **	M	Issue No.	**300 (cont)**
LM End	**3.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944460 °	39.944460 °
				-122.053930 °	-122.053930 °
DWR ID	20763				

Comment Code

Inspector Comment

FS_ID:54021
DS_ID:20763
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Backflow prevention device is not needed because LS elevation is higher then WS. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 12-inch concrete drainage pipe, through the levee, 2-feet below the crown.
FS Date: 5/14/2019 10:34:40 AM

Photo 2 of 3 : UCIP_SP_2019_54021_79290.jpg

Concrete pipe outlet

LM Start	**3.75**	Rating **	M	Issue No.	**300 (cont)**
LM End	**3.75**	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2019_54021_79292.jpg

View of levee crown at the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.75**	Rating **	M	Issue No.	**301**
LM End	**3.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944426 °	39.944426 °
				-122.054045 °	-122.054045 °
DWR ID	24691				

Comment Code

Inspector Comment

FS_ID:54022
DS_ID:24691
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Backflow prevention device is not needed because LS elevation is higher then WS. Pipe outlet partially blocked by sediment. (DWR UCIP - OYakimov)
Outlet substantially blocked at WS toe. No permit identified for this crossing.
FIELD_STRUCT_DESC: 10-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Slide gate at terminal end of concrete channel on the landside (LS) shoulder.
FS Date: 5/14/2019 10:41:12 AM

Photo 1 of 3 : UCIP_SP_2019_54022_79293.jpg

Lined irrigation canal on LS

LM Start	**3.75**	Rating **	M	Issue No.	**301 (cont)**
LM End	**3.75**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54022_79294.jpg

Lined irrigation canal and pipe inlet on LS

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.75**	Rating **	M	Issue No.	**301 (cont)**
LM End	**3.75**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944426 °	39.944426 °
				-122.054045 °	-122.054045 °
DWR ID	24691				

Comment Code

Inspector Comment

FS_ID:54022
DS_ID:24691
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Backflow prevention device is not needed because LS elevation is higher then WS. Pipe outlet partially blocked by sediment. (DWR UCIP - OYakimov)
Outlet substantially blocked at WS toe. No permit identified for this crossing.
FIELD_STRUCT_DESC: 10-inch reinforced concrete irrigation pipe through the levee, 2 feet below the crown. Slide gate at terminal end of concrete channel on the landside (LS) shoulder.
FS Date: 5/14/2019 10:41:12 AM

Photo 3 of 3 : UCIP_SP_2019_54022_79295.jpg

View of levee crown at the crossing

LM Start	**3.75**	Rating **	M	Issue No.	**16**
LM End	**3.75**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.944407 °	39.944407 °
				-122.054104 °	-122.054104 °
DWR ID	DWR_NA0019_01_f _ 2016_16				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_78_16_20190327_00004.jpg

View of a bush obstructing visibility.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.99**	Rating **	M	Issue No.	**44**
LM End	**3.99**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.941990 °	39.941990 °
				-122.057140 °	-122.057140 °
DWR ID	DWR_NA0019_01_f _ 2018_44				

Comment Code

TR : Tree or limb

Inspector Comment

The tree should be removed from the waterside slope.

Photo 1 of 1 : SP_2019_NA0019_78_44_20190327_00018.jpg

View of the tree limb along the waterside slope.

LM Start	**4.03**	Rating **	M	Issue No.	**302**
LM End	**4.03**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.941574 °	39.941574 °
				-122.057597 °	-122.057597 °
DWR ID	20760				

Comment Code

Inspector Comment

FS_ID:54023
DS_ID:20760
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Crossing is in good condition. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. Headwalls on both sides of levee. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 509, March 1957, (Assumed Station 5+00) Drawing No. 50-4-2394].
FS Date: 5/14/2019 10:53:58 AM

Photo 1 of 3 : UCIP_SP_2019_54023_79298.jpg

Headwall and pipe inlet 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**4.03**	Rating **	M	Issue No.	**302 (cont)**
LM End	**4.03**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.941574 °	39.941574 °
				-122.057597 °	-122.057597 °
DWR ID	20760				

Comment Code

Inspector Comment

FS_ID:54023
DS_ID:20760
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Crossing is in good condition. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. Headwalls on both sides of levee. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 509, March 1957, (Assumed Station 5+00) Drawing No. 50-4-2394].
FS Date: 5/14/2019 10:53:58 AM

Photo 2 of 3 : UCIP_SP_2019_54023_79299.jpg

View of levee crown at the crossing

LM Start	**4.03**	Rating **	M	Issue No.	**302 (cont)**
LM End	**4.03**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_54023_79300.jpg

Pipe ang flap gate at 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**4.03**	Rating **	M	Issue No.	**54**
LM End	**4.03**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.941567 °	39.941567 °
				-122.057618 °	-122.057618 °
DWR ID	DWR_NA0019_01_s _ 2019_54				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	**4.11**	Rating **	U	Issue No.	**303**
LM End	**4.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.940933 °	39.940933 °
				-122.058894 °	-122.058894 °
DWR ID	20762				

Comment Code

Inspector Comment

FS_ID:54024
DS_ID:20762
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Missing flap gate, pipe outlet is silted. (DWR UCIP - OYakimov)10/15/2018 Missing flap gate at WS end of the pipe. Pipe is partially blocked with silt. Updated coordinates and CLM. (O.Yakimov - DWR)12/05/2016 unable to complete inspection -- unable to locate. (O. Magana - DWR UCIP)10/03/2013 Gate missing from WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawing no. 50-4-2394 (Station 0+65)].
FS Date: 5/14/2019 11:01:16 AM

Photo 1 of 3 : UCIP_SP_2019_54024_79304.jpg

Headwall and inlet 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	05/01/2019 05/01/2019	Makar Sokol

LM Start	**4.11**	Rating **	U	Issue No.	**303 (cont)**
LM End	**4.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.940933 °	39.940933 °
				-122.058894 °	-122.058894 °
DWR ID	20762				

Comment Code

Inspector Comment

FS_ID:54024
DS_ID:20762
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Missing flap gate, pipe outlet is silted. (DWR UCIP - OYakimov)10/15/2018 Missing flap gate at WS end of the pipe. Pipe is partially blocked with silt. Updated coordinates and CLM. (O.Yakimov - DWR)12/05/2016 unable to complete inspection -- unable to locate. (O. Magana - DWR UCIP)10/03/2013 Gate missing from WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.5 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, As-built drawing no. 50-4-2394 (Station 0+65)].
FS Date: 5/14/2019 11:01:16 AM

Photo 2 of 3 : UCIP_SP_2019_54024_79305.jpg

Inside view of pipe looking from LS

LM Start	**4.11**	Rating **	U	Issue No.	**303 (cont)**
LM End	**4.11**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_54024_79303.jpg

View of levee crown at the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 02 Deer Creek	Right	1.89

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2019 - 5/1/2019			
DWR Inspector	Makar Sokol			
Accompanied By	Ryan Teubert Tehama County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:
a) completion of the inspection
b) any changes other than the results of normal maintenance
c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.13**	Rating **	M	Issue No.	**5**
LM End	**0.13**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.970452 °	39.970452 °
				-122.011315 °	-122.011315 °
DWR ID	DWR_NA0019_02_s _ 2019_5				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	**0.23**	Rating **	M	Issue No.	**13**
LM End	**0.23**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.970598 °	39.970598 °
				-122.013053 °	-122.013053 °
DWR ID	DWR_NA0019_02_f _ 2016_13				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Remove trees smaller than 4-inches in diameter at chest height.

Photo 1 of 1 : SP_2019_NA0019_79_13_20190327_00006.jpg

View of a tree with new thick growth blocking visibility.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.27**	Rating **	M	Issue No.	**19**
LM End	**0.27**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970448 °	39.970448 °
				-122.013773 °	-122.013773 °
DWR ID	20772				

Comment Code

Inspector Comment

FS_ID:53995
DS_ID:20772
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Not Found
UCIP Comments: 05/14/2019 Crossing is included to the list of DMP Phase 9. Need to confirm removal of pipe in 1965. (DWR UCIP - O.Yakimov)
FIELD_STRUCT_DESC: *Removed* 24-inch pipe through the levee 13.7-feet below the crown, flap gate on waterward end. Remove 1965. Originally included in O+M manual (1957). As-builts drawing 50-4-2394.
FS Date: 5/14/2019 12:38:26 PM

No Photos

LM Start	**0.30**	Rating **	M	Issue No.	**2**
LM End	**0.30**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970305 °	39.970305 °
				-122.014465 °	-122.014465 °
DWR ID	DWR_NA0019_02_s _ 2012_2				

Comment Code

DE : Debris

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_79_2_20190327_00001.jpg

View of debris and wire at the toe of levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.31**	Rating **	M	Issue No.	**20**
LM End	**0.31**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID	24683				

Comment Code

Inspector Comment

FS_ID:53996
DS_ID:24683
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch galvanized iron communications conduit through the levee, at an unknown depth. Pipe visible on upstream side of bridge.
FS Date: 5/14/2019 12:58:37 PM

Photo 1 of 3 : UCIP_SP_2019_53996_79235.jpg

Communication line access box on east side of Leninger Rd

LM Start	**0.31**	Rating **	M	Issue No.	**20 (cont)**
LM End	**0.31**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_53996_79236.jpg

Conduit on upstream side on Leninger Rd bridge

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.31**	Rating **	M	Issue No.	**20 (cont)**
LM End	**0.31**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID	24683				

Comment Code

Inspector Comment

FS_ID:53996
DS_ID:24683
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch galvanized iron communications conduit through the levee, at an unknown depth. Pipe visible on upstream side of bridge.
FS Date: 5/14/2019 12:58:37 PM

Photo 3 of 3 : UCIP_SP_2019_53996_79237.jpg

Two AT&T undergroud cable boxes located on east side of Leninger Rd

LM Start	**0.32**	Rating **	M	Issue No.	**11**
LM End	**0.34**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970193 °	39.970188 °
				-122.014738 °	-122.015034 °
DWR ID	DWR_NA0019_02_s _ 2016_11				

Comment Code

DT : Ditch

Inspector Comment

There is a concrete-lined ditch along this stretch.

Photo 1 of 1 : SP_2019_NA0019_79_11_20190327_00004.jpg

View of a concrete-lined ditch along the levee 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

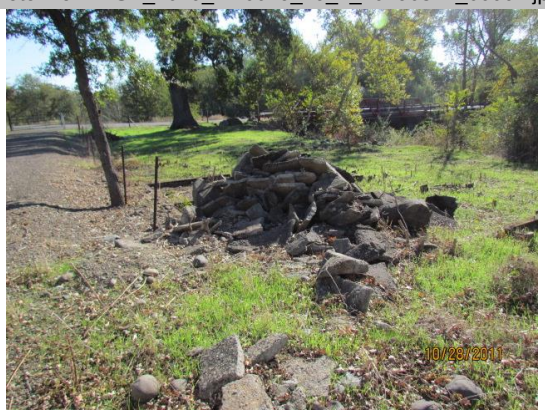
LM Start	**0.34**	Rating **	M	Issue No.	**4**
LM End	**0.34**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970210°	39.970210°
				-122.015198°	-122.015198°
DWR ID	DWR_NA0019_02_s _ 2012_4				

Comment Code

DE : Debris

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_79_4_20190327_00002.jpg



View of the concrete pile along the waterside toe.

LM Start	**0.35**	Rating **	M	Issue No.	**14**
LM End	**0.35**	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970153°	39.970153°
				-122.015194°	-122.015194°
DWR ID	DWR_NA0019_02_f _ 2016_14				

Comment Code

FW : Firewood

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_79_14_20190327_00007.jpg

View of the firewood along the waterside slope.

LM Start	**0.35**	Rating **	M	Issue No.	**7**
LM End	**0.35**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970117°	39.970117°
				-122.015365°	-122.015365°
DWR ID	DWR_NA0019_02_s _ 2012_7				

Comment Code

BU : Building

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_79_7_20190327_00003.jpg

View of a building along the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.64**	Rating **	M	Issue No.	**15**
LM End	**0.64**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.968704 °	39.968704 °
				-122.020172 °	-122.020172 °
DWR ID	DWR_NA0019_02_f _ 2016_15				

Comment Code

FW : Firewood

Inspector Comment

No Photos

LM Start	**0.68**	Rating **	U	Issue No.	**21**
LM End	**0.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID	20771				

Comment Code

Inspector Comment

FS_ID:53997
DS_ID:20771
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is 50% silted throughout its entire lenght. Flap gate on WS is partially buried in mud that affects proper operation, visible gap between flap gate and pipe. Pipe crosses levee at an angle. (DWR UCIP - O.Yakimov)12/05/2016 Crossing has been downgraded from Urgent to Non-Urgent some debris blocking proper function of flapgate on WS. Recommend clearing debris from WS for flapgate to function properly. (O. Magana - DWR UCIP)10/01/2013 Debris blocking proper function of flapgate on WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch steel drainage pipe through the levee, 8.3 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, Unit 510, April 1963, Unit 511, May 1973, Unit 512, March 1964, Unit 513, December 1970, As-builts drawing 50-4-2394 (Station 155+40)].
FS Date: 5/14/2019 1:15:18 PM

Photo 1 of 3 : UCIP_SP_2019_53997_79240.jpg

View of pipe from LS

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.68**	Rating **	U	Issue No.	**21 (cont)**
LM End	**0.68**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID	20771				

Comment Code

Inspector Comment

FS_ID:53997
DS_ID:20771
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 05/14/2019 Pipe is 50% silted throughout its entire lenght. Flap gate on WS is partially buried in mud that affects proper operation, visible gap between flap gate and pipe. Pipe crosses levee at an angle. (DWR UCIP - O.Yakimov)12/05/2016 Crossing has been downgraded from Urgent to Non-Urgent some debris blocking proper function of flapgate on WS. Recommend clearing debris from WS for flapgate to function properly. (O. Magana - DWR UCIP)10/01/2013 Debris blocking proper function of flapgate on WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch steel drainage pipe through the levee, 8.3 feet below the crown. Flap gate located on the waterside (WS) end. Concrete headwall located on the landside (LS). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit 509, March 1957, Unit 510, April 1963, Unit 511, May 1973, Unit 512, March 1964, Unit 513, December 1970, As-builts drawing 50-4-2394 (Station 155+40)].
FS Date: 5/14/2019 1:15:18 PM

Photo 2 of 3 : UCIP_SP_2019_53997_79241.jpg

Flapgate on WS outlet

LM Start	**0.68**	Rating **	U	Issue No.	**21 (cont)**
LM End	**0.68**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_53997_79238.jpg

Flapgate gap due to sediment buildup at the bottom of pipe

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.81**	Rating **	M	Issue No.	**12**
LM End	**0.85**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.968530 °	39.968248 °
				-122.023305 °	-122.023900 °
DWR ID	DWR_NA0019_02_s _ 2017_12				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Repair the crown roadway.

Photo 1 of 1 : SP_2019_NA0019_79_12_20190327_00005.jpg

View of the erosion on the crown roadway.

LM Start	**0.81**	Rating **	M	Issue No.	**17**
LM End	**0.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.968530 °	39.968248 °
				-122.023305 °	-122.023900 °
DWR ID	DWR_NA0019_02_s _ 2017_17				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Repair the erosion along the landside slope.

Photo 1 of 1 : SP_2019_NA0019_79_17_20190327_00008.jpg

View of the erosion along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.82**	Rating **	A/W	Issue No.	**18**
LM End	**0.83**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			39.968560 °	39.968400 °
				-122.023400 °	-122.023600 °
DWR ID	DWR_NA0019_02_f _ 2017_18				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:177
Site Designation:LMA-24
Repair Type: Erosion
Rating:Area of Concern
Field Date:6/6/2017
Notes: No real problem in concern to erosion is visible, the problem was this site had overtopping during 2017 storms. Solution would be to raise levee crest or any other form of raising the levee. Sandbags were present.

No Photos

LM Start	**0.85**	Rating **	M	Issue No.	**1**
LM End	**0.90**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			39.968165 °	39.967766 °
				-122.023828 °	-122.024620 °
DWR ID	DWR_ST0010_02_f _ 2022_14				

Comment Code

Inspector Comment

2017 Site ID: DEC 0.9 R
Status: Eroding
2017 Field Notes: No observed change.
Site History: 2006 - Banks are composed of lithified cobble alluvial soils (relict alluvial fan deposits). Slow erosion of lithified lower bank materials with faster erosion of overlying less cohesive soils resulting in channel "skating" across lithified horizon. 2011 - The Deer Creek Watershed Conservation Group is planning a reach-wide repair for Deer Creek.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.28**	Rating **	M	Issue No.	**8**
LM End	**1.28**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.964871 °	39.964871 °
				-122.030584 °	-122.030584 °
DWR ID	DWR_NA0019_02_s _ 2019_8				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trees four inches in diameter or less at the chest height should be removed from the landside toe.

Photo 1 of 1 : SP_2019_NA0019_79_8_20190506_00015.jpg

View of small trees at the landside toe. Spring 2019.

* 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

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 04 Elder Creek	Left	3.98

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2019 - 5/1/2019			
DWR Inspector	Makar Sokol			
Accompanied By	Ryan Teubert Tehama County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:
a) completion of the inspection
b) any changes other than the results of normal maintenance
c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.11**	Rating **	M	Issue No.	**52**
LM End	**0.11**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.051769 °	40.051769 °
				-122.187095 °	-122.187095 °
DWR ID	DWR_NA0019_04_s _ 2019_52				

Comment Code

PR : Prunings

Inspector Comment

No Photos

LM Start	**0.25**	Rating **	A/W	Issue No.	**917**
LM End	**0.25**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051604 °	40.051604 °
				-122.184431 °	-122.184431 °
DWR ID	20775				

Comment Code

Inspector Comment

FS_ID:21795
DS_ID:20775
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.26) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21795_37074.jpg

Concrete U-shaped 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.25**	Rating **	A/W	Issue No.	**917 (cont)**
LM End	**0.25**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051604 °	40.051604 °
				-122.184431 °	-122.184431 °
DWR ID	20775				

Comment Code

Inspector Comment

FS_ID:21795
DS_ID:20775
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.26) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21795_37073.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**0.25**	Rating **	A/W	Issue No.	**917 (cont)**
LM End	**0.25**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21795_37072.jpg

Concrete U-shaped 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.26**	Rating **	M	Issue No.	**53**
LM End	**0.26**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051613 °	40.051613 °
				-122.184364 °	-122.184364 °
DWR ID	DWR_NA0019_04_s _ 2019_53				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_53_20190506_00079.jpg

View of the tree branches hanging over the crown. Spring 2019.

LM Start	**0.34**	Rating **	M	Issue No.	**54**
LM End	**0.34**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051602 °	40.051602 °
				-122.182842 °	-122.182842 °
DWR ID	DWR_NA0019_04_s _ 2019_54				

Comment Code

T4 : Trim trees over roadway to at least 12 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.38**	Rating **	A/W	Issue No.	**918**
LM End	**0.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051572 °	40.051572 °
				-122.182093 °	-122.182093 °
DWR ID	20776				

Comment Code

Inspector Comment

FS_ID:22826
DS_ID:20776
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.39) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_22826_38961.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**0.38**	Rating **	A/W	Issue No.	**918 (cont)**
LM End	**0.38**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_22826_38960.jpg

Concrete U-shaped headwall on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.38**	Rating **	A/W	Issue No.	**918 (cont)**
LM End	**0.38**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051572 °	40.051572 °
				-122.182093 °	-122.182093 °
DWR ID	20776				

Comment Code

Inspector Comment

FS_ID:22826
DS_ID:20776
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.39) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_22826_38963.jpg

Concrete U-shaped headwall with concrete swale on WS toe.

LM Start	**0.47**	Rating **	M	Issue No.	**55**
LM End	**0.47**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051229 °	40.051229 °
				-122.180434 °	-122.180434 °
DWR ID	DWR_NA0019_04_s _ 2019_55				

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.51**	Rating **	A/W	Issue No.	**919**
LM End	**0.51**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051211 °	40.051211 °
				-122.179663 °	-122.179663 °
DWR ID	20777				

Comment Code

Inspector Comment

FS_ID:21793
DS_ID:20777
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.52) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21793_37069.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**0.51**	Rating **	A/W	Issue No.	**919 (cont)**
LM End	**0.51**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21793_37068.jpg

Concrete U-shaped 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.51**	Rating **	A/W	Issue No.	**919 (cont)**
LM End	**0.51**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051211 °	40.051211 °
				-122.179663 °	-122.179663 °
DWR ID	20777				

Comment Code

Inspector Comment

FS_ID:21793
DS_ID:20777
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.52) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21793_37067.jpg

Concrete U-shaped headwall and flapgate on WS toe.

LM Start	**0.53**	Rating **	M	Issue No.	**56**
LM End	**0.53**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051271 °	40.051271 °
				-122.179307 °	-122.179307 °
DWR ID	DWR_NA0019_04_s _ 2019_56				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.61**	Rating **	M	Issue No.	**57**
LM End	**0.61**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051627 °	40.051627 °
				-122.177881 °	-122.177881 °
DWR ID	DWR_NA0019_04_s _ 2019_57				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**0.64**	Rating **	A/W	Issue No.	**920**
LM End	**0.64**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051699 °	40.051699 °
				-122.177320 °	-122.177320 °
DWR ID	20778				

Comment Code

Inspector Comment

FS_ID:21792
DS_ID:20778
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 8.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.65) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21792_37065.jpg

Concrete U-shaped 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.64**	Rating **	A/W	Issue No.	**920 (cont)**
LM End	**0.64**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051699 °	40.051699 °
				-122.177320 °	-122.177320 °
DWR ID	20778				

Comment Code

Inspector Comment

FS_ID:21792
DS_ID:20778
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 8.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.65) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21792_37064.jpg

Concrete U-shaped headwall on WS toe.

LM Start	**0.64**	Rating **	A/W	Issue No.	**920 (cont)**
LM End	**0.64**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21792_37063.jpg

Concrete U-shaped 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.64**	Rating **	M	Issue No.	**921**
LM End	**0.64**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051702 °	40.051702 °
				-122.177308 °	-122.177308 °
DWR ID	20880				

Comment Code

Inspector Comment

FS_ID:51443
DS_ID:20880
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 12/05/2016 Crossing has been downgraded from Urgent to Non-Urgent vegetation found on WS but does not appear to prevent proper function of flap gate. Recommend clearing dry vegetation on WS above concrete headwall.(O. Magana - DWR UCIP)10/03/2013 Flapgate operation hindered by soil and vegetation on WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through levee, 8.6 feet below crown. Flap gate and concrete "U" headwall located on the waterside (WS) end. Concrete "U" headwall located on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual, Unit 510, April 1963, As-built drawing No. 50-4-3622 (HLM 0.65)]
FS Date: 12/5/2016

Photo 1 of 3 : UCIP_SP_2019_51443_37061.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**0.64**	Rating **	M	Issue No.	**921 (cont)**
LM End	**0.64**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_51443_37060.jpg

Concrete U-shaped 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.64**	Rating **	M	Issue No.	**921 (cont)**
LM End	**0.64**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051702 °	40.051702 °
				-122.177308 °	-122.177308 °
DWR ID	20880				

Comment Code

Inspector Comment

FS_ID:51443
DS_ID:20880
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 12/05/2016 Crossing has been downgraded from Urgent to Non-Urgent vegetation found on WS but does not appear to prevent proper function of flap gate. Recommend clearing dry vegetation on WS above concrete headwall.(O. Magana - DWR UCIP)10/03/2013 Flapgate operation hindered by soil and vegetation on WS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through levee, 8.6 feet below crown. Flap gate and concrete "U" headwall located on the waterside (WS) end. Concrete "U" headwall located on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual, Unit 510, April 1963, As-built drawing No. 50-4-3622 (HLM 0.65)]
FS Date: 12/5/2016

Photo 3 of 3 : UCIP_SP_2019_51443_37059.jpg

Concrete U-shaped headwall and flapgate on WS toe.

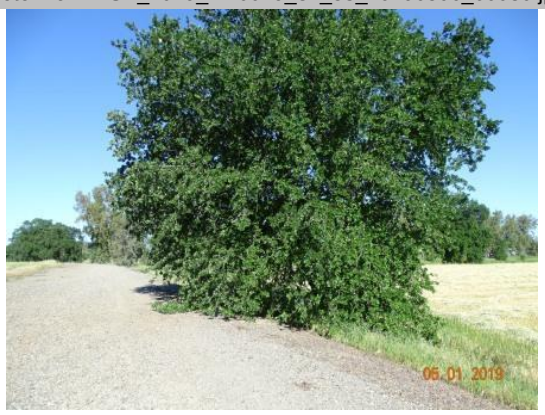
LM Start	**0.68**	Rating **	M	Issue No.	**58**
LM End	**0.68**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051719 °	40.051719 °
				-122.176629 °	-122.176629 °
DWR ID	DWR_NA0019_04_s _ 2019_58				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_58_20190506_00080.jpg



View of the tree blocking visibility of the landside slope and toe. 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

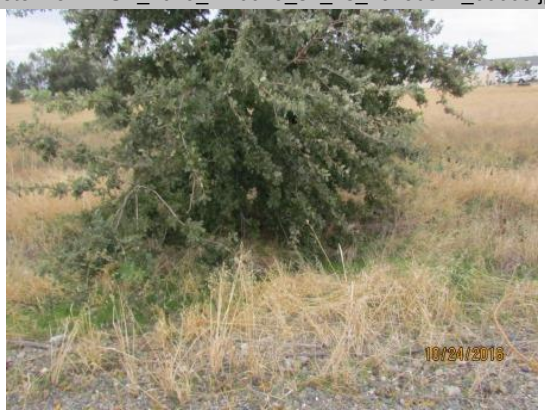
LM Start	**0.73**	Rating **	M	Issue No.	**13**
LM End	**0.73**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.052003°	40.052003°
				-122.175687°	-122.175687°
DWR ID	DWR_NA0019_04_f _ 2016_13				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_13_20190327_00008.jpg



View of a tree with overhanging branches.

LM Start	**0.75**	Rating **	A/W	Issue No.	**922**
LM End	**0.75**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052194°	40.052194°
				-122.175390°	-122.175390°
DWR ID	20779				

Comment Code

Inspector Comment

FS_ID:21790
DS_ID:20779
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.8 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.76) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21790_37057.jpg

Concrete U-shaped 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.75**	Rating **	A/W	Issue No.	**922 (cont)**
LM End	**0.75**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052194 °	40.052194 °
				-122.175390 °	-122.175390 °
DWR ID	20779				

Comment Code

Inspector Comment

FS_ID:21790
DS_ID:20779
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.8 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.76) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21790_37056.jpg

Concrete U-shaped headwall on WS toe.

LM Start	**0.75**	Rating **	A/W	Issue No.	**922 (cont)**
LM End	**0.75**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21790_37055.jpg

Concrete U-shaped headwall on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.85**	Rating **	M	Issue No.	**59**
LM End	**0.85**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.052953 °	40.052953 °
				-122.173860 °	-122.173860 °
DWR ID	DWR_NA0019_04_s _ 2019_59				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	**0.91**	Rating **	A/W	Issue No.	**923**
LM End	**0.91**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053401 °	40.053401 °
				-122.172848 °	-122.172848 °
DWR ID	20780				

Comment Code

Inspector Comment

FS_ID:22827
DS_ID:20780
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.93) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_22827_38970.jpg

Concrete U-shaped 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.91**	Rating **	A/W	Issue No.	**923 (cont)**
LM End	**0.91**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053401 °	40.053401 °
				-122.172848 °	-122.172848 °
DWR ID	20780				

Comment Code

Inspector Comment

FS_ID:22827
DS_ID:20780
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.93) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_22827_38969.jpg

Concrete U-shaped headwall on WS toe.

LM Start	**0.91**	Rating **	A/W	Issue No.	**923 (cont)**
LM End	**0.91**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_22827_38972.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.92**	Rating **	M	Issue No.	**50**
LM End	**0.92**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.053420 °	40.053420 °
				-122.172617 °	-122.172617 °
DWR ID	DWR_NA0019_04_f _ 2017_50				

Comment Code

TR : Tree or limb

Inspector Comment

Remove the downed tree from the waterside toe.

Photo 1 of 1 : SP_2019_NA0019_81_50_20190327_00023.jpg

View of the tree along waterside toe.

LM Start	**1.04**	Rating **	M	Issue No.	**60**
LM End	**1.04**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.052639 °	40.052639 °
				-122.170836 °	-122.170836 °
DWR ID	DWR_NA0019_04_s _ 2019_60				

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 Deficiency 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. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.07**	Rating **	A/W	Issue No.	**924**
LM End	**1.07**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052400 °	40.052400 °
				-122.170279 °	-122.170279 °
DWR ID	20790				

Comment Code

Inspector Comment

FS_ID:21788
DS_ID:20790
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.10) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21788_37050.jpg

Concrete U-shaped headwall on WS toe.

LM Start	**1.07**	Rating **	A/W	Issue No.	**924 (cont)**
LM End	**1.07**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21788_37053.jpg

Concrete U-shaped headwall and flapgate on WS toe.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.07**	Rating **	A/W	Issue No.	**924 (cont)**
LM End	**1.07**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052400 °	40.052400 °
				-122.170279 °	-122.170279 °
DWR ID	20790				

Comment Code

Inspector Comment

FS_ID:21788
DS_ID:20790
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.10) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21788_37052.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**1.11**	Rating **	A/W	Issue No.	**925**
LM End	**1.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051958 °	40.051958 °
				-122.170031 °	-122.170031 °
DWR ID	20773				

Comment Code

Inspector Comment

FS_ID:21786
DS_ID:20773
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.1 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.12) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 2 : UCIP_SP_2019_21786_37048.jpg

Concrete U-shaped headwall and flapgate on WS 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
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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.11**	Rating **	A/W	Issue No.	**925 (cont)**
LM End	**1.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051958 °	40.051958 °
				-122.170031 °	-122.170031 °
DWR ID	20773				

Comment Code

Inspector Comment

FS_ID:21786
DS_ID:20773
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.1 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.12) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 2 : UCIP_SP_2019_21786_37047.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**1.12**	Rating **	M	Issue No.	**27**
LM End	**1.12**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051950 °	40.051950 °
				-122.169872 °	-122.169872 °
DWR ID	DWR_NA0019_04_f _ 2016_27				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_27_20190327_00015.jpg

View of the slope instability caused by vehicles.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water 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. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.15**	Rating **	M	Issue No.	**51**
LM End	**1.15**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			40.051848 °	40.051848 °
				-122.169295 °	-122.169295 °
DWR ID	DWR_NA0019_04_f _ 2017_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_2019_NA0019_81_51_20190327_00024.jpg

View of the rodent holes along the landside slope.

LM Start	**1.26**	Rating **	M	Issue No.	**48**
LM End	**1.26**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.051722 °	40.051722 °
				-122.167327 °	-122.167327 °
DWR ID	DWR_NA0019_04_f _ 2018_48				

Comment Code

TR : Tree or limb

Inspector Comment

Remove the tree limb from the crown roadway and levee slopes.

Photo 1 of 1 : SP_2019_NA0019_81_48_20190327_00022.jpg

View of the tree limb that is fallen on the crown roadway.

LM Start	**1.27**	Rating **	M	Issue No.	**61**
LM End	**1.27**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051640 °	40.051640 °
				-122.167080 °	-122.167080 °
DWR ID	DWR_NA0019_04_s _ 2019_61				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

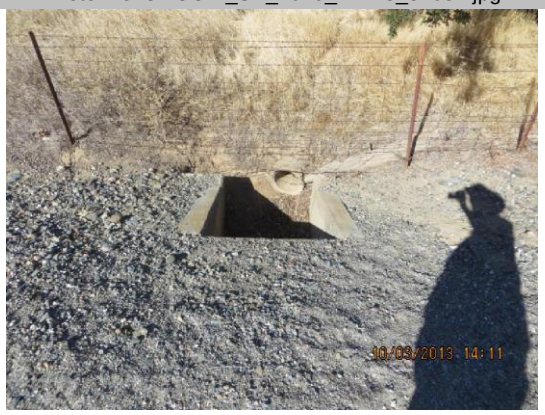
LM Start	**1.30**	Rating **	A/W	Issue No.	**926**
LM End	**1.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051563 °	40.051563 °
				-122.166630 °	-122.166630 °
DWR ID	20782				

Comment Code

Inspector Comment

FS_ID:21778
DS_ID:20782
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.30) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21778_37037.jpg



Concrete U-shaped headwall on LS toe.

LM Start	**1.30**	Rating **	A/W	Issue No.	**926 (cont)**
LM End	**1.30**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21778_37036.jpg

Concrete U-shaped 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

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.30**	Rating **	A/W	Issue No.	**926 (cont)**
LM End	**1.30**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051563 °	40.051563 °
				-122.166630 °	-122.166630 °
DWR ID	20782				

Comment Code

Inspector Comment

FS_ID:21778
DS_ID:20782
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.5 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.30) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21778_37035.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**1.30**	Rating **	M	Issue No.	**62**
LM End	**1.30**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051538 °	40.051538 °
				-122.166468 °	-122.166468 °
DWR ID	DWR_NA0019_04_s _ 2019_62				

Comment Code

T4 : Trim trees over roadway to at least 12 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.36**	Rating **	M	Issue No.	**63**
LM End	**1.36**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051428 °	40.051428 °
				-122.165422 °	-122.165422 °
DWR ID	DWR_NA0019_04_s _ 2019_63				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	**1.39**	Rating **	M	Issue No.	**16**
LM End	**1.39**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051493 °	40.051493 °
				-122.164935 °	-122.164935 °
DWR ID	DWR_NA0019_04_f _ 2014_16				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_16_20190327_00011.jpg

View of the slope instability caused by vehicles along the waterside slope.

LM Start	**1.39**	Rating **	M	Issue No.	**28**
LM End	**1.39**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.051521 °	40.051521 °
				-122.164877 °	-122.164877 °
DWR ID	DWR_NA0019_04_f _ 2016_28				

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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.43**	Rating **	A/W	Issue No.	**49**
LM End	**1.49**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			40.051596 °	40.051979 °
				-122.164179 °	-122.163106 °
DWR ID	DWR_NA0019_04_f _ 2017_49				

Comment Code

Inspector Comment

Levee Evaluation Comments
Description:
Site ID No:179
Site Designation:DWR_NA0019_04_s_2012_9
Repair Type: Erosion
Rating:Serious
Field Date:6/6/2017
Notes: Rip rap armors the river bank (appears placed in recent years).
The erosion scarp is 10' below the berm at a vertical angle.

No Photos

LM Start	**1.43**	Rating **	A/W	Issue No.	**5**
LM End	**1.49**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			40.051596 °	40.051979 °
				-122.164179 °	-122.163106 °
DWR ID	DWR_ST0010_02_f _ 2022_15				

Comment Code

Inspector Comment

2017 Site ID: ELC 1.4 L
Status: Eroding
2017 Field Notes: A large quarry stone placed since last inspection.
Site History: 2006 - High vertical bank due to mass failures. Thalweg meandering and erosion of bank. Banks are cohesive with non-cohesive gravel horizons. 2011 - Foundation is silty-sand with gravel. New slumping at the toe, mass failure continues.

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

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.44**	Rating **	M	Issue No.	**29**
LM End	**1.44**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051785 °	40.051785 °
				-122.164075 °	-122.164075 °
DWR ID	DWR_NA0019_04_f _ 2016_29				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_29_20190327_00016.jpg

View of the slope instability caused by vehicles along the waterside slope.

LM Start	**1.56**	Rating **	M	Issue No.	**64**
LM End	**1.56**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.052470 °	40.052470 °
				-122.162010 °	-122.162010 °
DWR ID	DWR_NA0019_04_s _ 2019_64				

Comment Code

PR : Prunings

Inspector Comment

Remove prunings from the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.56**	Rating **	A/W	Issue No.	**927**
LM End	**1.56**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052495 °	40.052495 °
				-122.161921 °	-122.161921 °
DWR ID	20783				

Comment Code

Inspector Comment

FS_ID:21776
DS_ID:20783
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.8 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.57) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21776_37029.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**1.56**	Rating **	A/W	Issue No.	**927 (cont)**
LM End	**1.56**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21776_37028.jpg

Concrete U-shaped 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.56**	Rating **	A/W	Issue No.	**927 (cont)**
LM End	**1.56**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052495 °	40.052495 °
				-122.161921 °	-122.161921 °
DWR ID	20783				

Comment Code

Inspector Comment

FS_ID:21776
DS_ID:20783
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.8 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.57) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21776_37027.jpg

Concrete U-shaped headwall on LS toe.

LM Start	**1.59**	Rating **	A/W	Issue No.	**3**
LM End	**1.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052607 °	40.052705 °
				-122.161418 °	-122.161442 °
DWR ID	DWR_NA0019_04_f _ 2018_3				

Comment Code

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

Inspector Comment

Tehama Co. repaired the slope that was damaged by vehicle traffic, but the damage has returned. On 4/26/16, vehicle erosion area was repaired again, but should be monitored.

Photo 1 of 2 : SP_2019_NA0019_81_3_20190327_00003.jpg

View of a dip along the levee 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.59**	Rating **	A/W	Issue No.	**3 (cont)**
LM End	**1.59**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052607 °	40.052705 °
				-122.161418 °	-122.161442 °
DWR ID	DWR_NA0019_04_f _ 2018_3				

Comment Code

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

Inspector Comment

Tehama Co. repaired the slope that was damaged by vehicle traffic, but the damage has returned. On 4/26/16, vehicle erosion area was repaired again, but should be monitored.

Photo 2 of 2 : SP_2019_NA0019_81_3_20190327_00004.jpg

View of the levee slope damaged by vehicle traffic.

LM Start	**1.69**	Rating **	A/W	Issue No.	**928**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053590 °	40.053590 °
				-122.159982 °	-122.159982 °
DWR ID	20786				

Comment Code

Inspector Comment

FS_ID:21769
DS_ID:20786
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21769_37004.jpg

Concrete inlet on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.69**	Rating **	A/W	Issue No.	**928 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053590 °	40.053590 °
				-122.159982 °	-122.159982 °
DWR ID	20786				

Comment Code

Inspector Comment

FS_ID:21769
DS_ID:20786
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21769_37003.jpg

Concrete inlet on WS toe.

LM Start	**1.69**	Rating **	A/W	Issue No.	**928 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21769_37002.jpg

Concrete 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.69**	Rating **	A/W	Issue No.	**929**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053601 °	40.053601 °
				-122.159966 °	-122.159966 °
DWR ID	20883				

Comment Code

Inspector Comment

FS_ID:21768
DS_ID:20883
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 2 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21768_37000.jpg

Concrete headwall on LS toe.

LM Start	**1.69**	Rating **	A/W	Issue No.	**929 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21768_36999.jpg

Concrete headwall on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.69**	Rating **	A/W	Issue No.	**929 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053601 °	40.053601 °
				-122.159966 °	-122.159966 °
DWR ID	20883				

Comment Code

Inspector Comment

FS_ID:21768
DS_ID:20883
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 2 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21768_36998.jpg

Concrete headwall on LS toe.

LM Start	**1.69**	Rating **	A/W	Issue No.	**930**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053614 °	40.053614 °
				-122.159956 °	-122.159956 °
DWR ID	20884				

Comment Code

Inspector Comment

FS_ID:21767
DS_ID:20884
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21767_36996.jpg

Concrete headwall on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.69**	Rating **	A/W	Issue No.	**930 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053614 °	40.053614 °
				-122.159956 °	-122.159956 °
DWR ID	20884				

Comment Code

Inspector Comment

FS_ID:21767
DS_ID:20884
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 1.70) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21767_36995.jpg

Concrete headwall on WS toe.

LM Start	**1.69**	Rating **	A/W	Issue No.	**930 (cont)**
LM End	**1.69**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21767_36994.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.85**	Rating **	M	Issue No.	**65**
LM End	**1.85**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.053187 °	40.053187 °
				-122.157214 °	-122.157214 °
DWR ID	DWR_NA0019_04_s _ 2019_65				

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	**1.99**	Rating **	A/W	Issue No.	**931**
LM End	**1.99**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052731 °	40.052731 °
				-122.154695 °	-122.154695 °
DWR ID	20787				

Comment Code

Inspector Comment

FS_ID:21766
DS_ID:20787
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 7.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.01) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21766_36992.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.99**	Rating **	A/W	Issue No.	**931 (cont)**
LM End	**1.99**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052731 °	40.052731 °
				-122.154695 °	-122.154695 °
DWR ID	20787				

Comment Code

Inspector Comment

FS_ID:21766
DS_ID:20787
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 7.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.01) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_21766_36991.jpg

Concrete headwall on WS toe.

LM Start	**1.99**	Rating **	A/W	Issue No.	**931 (cont)**
LM End	**1.99**	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2019_21766_36990.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.99**	Rating **	A/W	Issue No.	**932**
LM End	**1.99**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052729 °	40.052729 °
				-122.154673 °	-122.154673 °
DWR ID	20885				

Comment Code

Inspector Comment

FS_ID:22828
DS_ID:20885
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 7.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.01) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_22828_38978.jpg

Concrete headwall on LS toe.

LM Start	**1.99**	Rating **	A/W	Issue No.	**932 (cont)**
LM End	**1.99**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_22828_38977.jpg

Concrete headwall and concrete channel on WS toe.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.99**	Rating **	A/W	Issue No.	**932 (cont)**
LM End	**1.99**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052729 °	40.052729 °
				-122.154673 °	-122.154673 °
DWR ID	20885				

Comment Code

Inspector Comment

FS_ID:22828
DS_ID:20885
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 7.6 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.01) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_22828_38980.jpg

Flapgate on headwall at WS toe.

LM Start	**2.18**	Rating **	M	Issue No.	**66**
LM End	**2.18**	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			40.051944 °	40.051944 °
				-122.151302 °	-122.151302 °
DWR ID	DWR_NA0019_04_s _ 2019_66				

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.21**	Rating **	A/W	Issue No.	**933**
LM End	**2.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051985 °	40.051985 °
				-122.150737 °	-122.150737 °
DWR ID	20788				

Comment Code

Inspector Comment

FS_ID:21763
DS_ID:20788
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.9 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.24) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21763_36982.jpg

Concrete U-shaped headwall on WS slope.

LM Start	**2.21**	Rating **	A/W	Issue No.	**933 (cont)**
LM End	**2.21**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21763_36981.jpg

Inlet off LS toe in 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.21**	Rating **	A/W	Issue No.	**933 (cont)**
LM End	**2.21**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051985 °	40.051985 °
				-122.150737 °	-122.150737 °
DWR ID	20788				

Comment Code

Inspector Comment

FS_ID:21763
DS_ID:20788
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.9 feet below the crown. Flap gate and concrete U-shaped headwall on the waterside (WS) end. Concrete U-shaped headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 2.24) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21763_36980.jpg

HDPE pipe inlet on LS toe.

LM Start	**2.23**	Rating **	M	Issue No.	**934**
LM End	**2.23**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052063 °	40.052063 °
				-122.150450 °	-122.150450 °
DWR ID	24695				

Comment Code

Inspector Comment

FS_ID:23051
DS_ID:24695
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: Fiber optics conduit of an unknown size or material through the levee, at an unknown depth. Signage on the landside (LS) visible.
FS Date: 10/3/2013

Photo 1 of 1 : UCIP_SP_2019_23051_39135.jpg

Fiber optic line markers off LS 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.28**	Rating **	M	Issue No.	**935**
LM End	**2.28**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052379 °	40.052379 °
				-122.149534 °	-122.149534 °
DWR ID	24694				

Comment Code

Inspector Comment

FS_ID:23045
DS_ID:24694
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch coated steel gas pipeline through the levee, 3.5 feet below the crown. Pipe visible on upstream side of bridge.
FS Date: 10/3/2013

Photo 1 of 2 : UCIP_SP_2019_23045_39106.jpg

Gasline on upstream side of bridge.

LM Start	**2.28**	Rating **	M	Issue No.	**935 (cont)**
LM End	**2.28**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_23045_39105.jpg

Gasline on upstream side of bridge.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.32**	Rating **	M	Issue No.	**12**
LM End	**2.32**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052443 °	40.052443 °
				-122.148863 °	-122.148863 °
DWR ID	DWR_NA0019_04_f _ 2013_12				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_12_20190327_00007.jpg

View of the slope instability caused by vehicles along the landside slope.

LM Start	**2.35**	Rating **	M	Issue No.	**30**
LM End	**2.35**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052450 °	40.052450 °
				-122.148352 °	-122.148352 °
DWR ID	DWR_NA0019_04_f _ 2016_30				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_30_20190327_00017.jpg

View of the slope instability caused by vehicles along the landside slope.

LM Start	**2.37**	Rating **	C	Issue No.	**31**
LM End	**2.37**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.052451 °	40.052451 °
				-122.147962 °	-122.147962 °
DWR ID	DWR_NA0019_04_f _ 2016_31				

Comment Code

PR : Prunings

Inspector Comment

Remove prunings from the 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.43**	Rating **	M	Issue No.	**20**
LM End	**2.43**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052417°	40.052417°
				-122.146747°	-122.146747°
DWR ID	DWR_NA0019_04_s _ 2012_20				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_20_20190327_00012.jpg

View of the slope instability caused by vehicles along the landside slope.

LM Start	**2.51**	Rating **	M	Issue No.	**2**
LM End	**2.51**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052872°	40.052872°
				-122.145495°	-122.145495°
DWR ID	DWR_NA0019_04_s _ 2012_2				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_2_20190327_00002.jpg

View of the slope instability caused by vehicles along the landside slope.

LM Start	**2.58**	Rating **	M	Issue No.	**32**
LM End	**2.58**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.053767°	40.053767°
				-122.144719°	-122.144719°
DWR ID	DWR_NA0019_04_f _ 2016_32				

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_32_20190327_00019.jpg

View of the slope instability caused by vehicles along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.63**	Rating **	M	Issue No.	**15**
LM End	**2.63**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.054337 °	40.054337 °
				-122.144235 °	-122.144235 °
DWR ID	DWR_NA0019_04_s _ 2015_15				

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the landside toe.

Photo 1 of 2 : SP_2019_NA0019_81_15_20190327_00009.jpg

View of the prunings along the landside toe.

LM Start	**2.63**	Rating **	M	Issue No.	**15 (cont)**
LM End	**2.63**	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_NA0019_81_15_20190327_00010.jpg

View of the prunings along the landside toe.

LM Start	**2.77**	Rating **	M	Issue No.	**4**
LM End	**2.77**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.054978 °	40.054978 °
				-122.142027 °	-122.142027 °
DWR ID	DWR_NA0019_04_s _ 2019_4				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Runoff is causing erosion rills in this area. The rills should be repaired.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.83**	Rating **	M	Issue No.	**916**
LM End	**2.86**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.055596 °	40.055985 °
				-122.141322 °	-122.141385 °
DWR ID	DWR_NA0019_04_s _ 2012_916				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_916_20190327_00025.jpg

View of the slope instability caused by vehicles along the waterside slope.

LM Start	**3.01**	Rating **	M	Issue No.	**10**
LM End	**3.01**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.056388 °	40.056388 °
				-122.139168 °	-122.139168 °
DWR ID	DWR_NA0019_04_s _ 2012_10				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_10_20190327_00006.jpg

View of the slope instability caused by vehicles along the waterside slope.

LM Start	**3.02**	Rating **	M	Issue No.	**33**
LM End	**3.02**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.056388 °	40.056388 °
				-122.139003 °	-122.139003 °
DWR ID	DWR_NA0019_04_f _ 2016_33				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.04**	Rating **	M	Issue No.	**34**
LM End	**3.04**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.056353 °	40.056353 °
				-122.138656 °	-122.138656 °
DWR ID	DWR_NA0019_04_f _ 2016_34				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.05**	Rating **	C	Issue No.	**35**
LM End	**3.10**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.056405 °	40.056935 °
				-122.138438 °	-122.138029 °
DWR ID	DWR_NA0019_04_f _ 2016_35				

Comment Code

PR : Prunings

Inspector Comment

Remove prunings from the landside toe.

No Photos

LM Start	**3.09**	Rating **	N	Issue No.	**36**
LM End	**3.09**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.056825 °	40.056825 °
				-122.138088 °	-122.138088 °
DWR ID	DWR_NA0019_04_f _ 2016_36				

Comment Code

T5 : Tree stumps.

Inspector Comment

There are 5 tree stumps at this location.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.11**	Rating **	M	Issue No.	**1**
LM End	**3.13**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.057083°	40.057291°
				-122.137935°	-122.137743°
DWR ID	DWR_NA0019_04_s _ 2012_1				

Comment Code

DE : Debris

Inspector Comment

Remove conctere blocks, concrete pipes, and concrete stairs from the landside slope.

Photo 1 of 1 : SP_2019_NA0019_81_1_20190327_00001.jpg

View of the concrete stairways on the slope.

LM Start	**3.13**	Rating **	M	Issue No.	**67**
LM End	**3.13**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.057332°	40.057332°
				-122.137673°	-122.137673°
DWR ID	DWR_NA0019_04_s _ 2019_67				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove cactus from the waterside slope.

No Photos

LM Start	**3.13**	Rating **	M	Issue No.	**25**
LM End	**3.13**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.057350°	40.057350°
				-122.137667°	-122.137667°
DWR ID	DWR_NA0019_04_f _ 2015_25				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_25_20190327_00014.jpg

View of the slope instability caused by vehicles along the landside slope.

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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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.29**	Rating **	M	Issue No.	**37**
LM End	**3.29**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.057685 °	40.057685 °
				-122.134770 °	-122.134770 °
DWR ID	DWR_NA0019_04_f _ 2016_37				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.31**	Rating **	M	Issue No.	**38**
LM End	**3.31**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.057590 °	40.057590 °
				-122.134508 °	-122.134508 °
DWR ID	DWR_NA0019_04_f _ 2016_38				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.31**	Rating **	M	Issue No.	**6**
LM End	**3.31**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.057558 °	40.057558 °
				-122.134417 °	-122.134417 °
DWR ID	DWR_NA0019_04_s _ 2012_6				

Comment Code

GA : Garbage

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_6_20190327_00005.jpg

View of the garbage and metal along the landside slope and toe of the levee.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.40**	Rating **	M	Issue No.	**39**
LM End	**3.44**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.056546 °	40.055906 °
				-122.133530 °	-122.133294 °
DWR ID	DWR_NA0019_04_f _ 2016_39				

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_81_39_20190327_00021.jpg

View of the blackberries along the landside slope blocking visibility and access.

LM Start	**3.66**	Rating **	M	Issue No.	**21**
LM End	**3.66**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.055735 °	40.055735 °
				-122.129445 °	-122.129445 °
DWR ID	DWR_NA0019_04_s _ 2015_21				

Comment Code

PR : Prunings

Inspector Comment

Remove the prunings from the landside toe.

Photo 1 of 1 : SP_2019_NA0019_81_21_20190327_00013.jpg

View of the prunings along landside toe.

LM Start	**3.69**	Rating **	M	Issue No.	**7**
LM End	**3.72**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.055920 °	40.055945 °
				-122.128948 °	-122.128310 °
DWR ID	DWR_NA0019_04_s _ 2012_7				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.85**	Rating **	M	Issue No.	**68**
LM End	**3.85**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.054539 °	40.054539 °
				-122.126782 °	-122.126782 °
DWR ID	DWR_NA0019_04_s _ 2019_68				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

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

Unit Cover Sheet

Spring 2019 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles
Unit No. 05 Elder Creek	Right	3.87

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/1/2019 - 5/1/2019			
DWR Inspector	Makar Sokol			
Accompanied By	Ryan Teubert Tehama County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:
a) completion of the inspection
b) any changes other than the results of normal maintenance
c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.11**	Rating **	A/W	Issue No.	**20**
LM End	**0.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051702 °	40.051702 °
				-122.189922 °	-122.189922 °
DWR ID	20799				

Comment Code

Inspector Comment

FS_ID:21744
DS_ID:20799
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on the WS and landside (LS) ends. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.11) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_21744_36945.jpg

Concrete headwall on LS toe.

LM Start	**0.11**	Rating **	A/W	Issue No.	**20 (cont)**
LM End	**0.11**	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_21744_36944.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.11**	Rating **	A/W	Issue No.	**20 (cont)**
LM End	**0.11**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051702 °	40.051702 °
				-122.189922 °	-122.189922 °
DWR ID	20799				

Comment Code

Inspector Comment

FS_ID:21744
DS_ID:20799
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.4 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on the WS and landside (LS) ends. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.11) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_21744_36943.jpg

Concrete U-shaped headwall on WS slope.

LM Start	**0.50**	Rating **	M	Issue No.	**21**
LM End	**0.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID	20801				

Comment Code

Inspector Comment

FS_ID:41124
DS_ID:20801
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Debris inside pipe at WS toe needs to be removed as it may prevent proper operation of the flapgate.
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on the WS and landside (LS) ends. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.51) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_41124_36953.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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.50**	Rating **	M	Issue No.	**21 (cont)**
LM End	**0.50**	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID	20801				

Comment Code

Inspector Comment

FS_ID:41124
DS_ID:20801
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Debris inside pipe at WS toe needs to be removed as it may prevent proper operation of the flapgate.
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on the WS and landside (LS) ends. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 510, April 1963, (HLM 0.51) Drawing No. 50-4-3622].
FS Date: 10/3/2013

Photo 2 of 3 : UCIP_SP_2019_41124_36952.jpg

Inlet at LS toe.

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

Photo 3 of 3 : UCIP_SP_2019_41124_36951.jpg

Concrete headwall 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**0.69**	Rating **	M	Issue No.	**6**
LM End	**0.69**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.050287 °	40.050287 °
				-122.179464 °	-122.179464 °
DWR ID	DWR_NA0019_05_s _ 2019_6				

Comment Code

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trees four inches in diamater or less at the chest height should be removed from the waterside toe.

Photo 1 of 1 : SP_2019_NA0019_82_6_20190506_00019.jpg

View of a small tree at the waterside toe. Spring 2019.

LM Start	**0.94**	Rating **	M	Issue No.	**8**
LM End	**1.05**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			40.051360 °	40.052361 °
				-122.175063 °	-122.173450 °
DWR ID	DWR_NA0019_05_f _ 2015_8				

Comment Code

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

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_82_8_20190327_00003.jpg

View of the rodent holes along 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.83**	Rating **	U	Issue No.	**22**
LM End	**1.83**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052313°	40.052313°
				-122.160085°	-122.160085°
DWR ID	20795				

Comment Code

Inspector Comment

FS_ID:54060
DS_ID:20795
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 5/28/2019 Subsidence on LS slope near pipe alignment more than a foot in depth. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: [Tehama and Colusa Canal] 18.5-foot reinforced concrete irrigation siphon pipe through the levee, 30 feet below the crown. 1.5-foot by 2-foot electrical conduit box on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1992].
FS Date: 5/28/2019 7:24:30 AM

Photo 1 of 3 : UCIP_SP_2019_54060_79348.jpg

Subsidence on LS slope just downstream of pipe alignment

LM Start	**1.83**	Rating **	U	Issue No.	**22 (cont)**
LM End	**1.83**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_54060_79349.jpg

Closeup view of subsidence on LS 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**1.83**	Rating **	U	Issue No.	**22 (cont)**
LM End	**1.83**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052313 °	40.052313 °
				-122.160085 °	-122.160085 °
DWR ID	20795				

Comment Code

Inspector Comment

FS_ID:54060
DS_ID:20795
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 5/28/2019 Subsidence on LS slope near pipe alignment more than a foot in depth. (DWR UCIP - OYakimov)
FIELD_STRUCT_DESC: [Tehama and Colusa Canal] 18.5-foot reinforced concrete irrigation siphon pipe through the levee, 30 feet below the crown. 1.5-foot by 2-foot electrical conduit box on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 1992].
FS Date: 5/28/2019 7:24:30 AM

Photo 3 of 3 : UCIP_SP_2019_54060_79350.jpg

View of LS slope at the crossing

LM Start	**2.41**	Rating **	C	Issue No.	**14**
LM End	**2.41**	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.051274 °	40.051274 °
				-122.150113 °	-122.150113 °
DWR ID	DWR_NA0019_05_f _ 2016_14				

Comment Code

DE : Debris

Inspector Comment

There is a pile of broken concrete pipes on the waterside.

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
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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.41**	Rating **	M	Issue No.	**23**
LM End	**2.41**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051336 °	40.051336 °
				-122.149991 °	-122.149991 °
DWR ID	24692				

Comment Code

Inspector Comment

FS_ID:23052
DS_ID:24692
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: Steel fiber optics conduit of an unknown size through the levee, at an unknown depth. Sign markers on the landside (LS) shoulder.
FS Date: 10/3/2013 9:02:00 AM

Photo 1 of 2 : UCIP_SP_2019_23052_39137.jpg

Fiber optic line markers on LS shoulder.

LM Start	**2.41**	Rating **	M	Issue No.	**23 (cont)**
LM End	**2.41**	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2019_23052_39136.jpg

Fiber optic line markers on LS 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.47**	Rating **	M	Issue No.	**24**
LM End	**2.47**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051667 °	40.051667 °
				-122.149033 °	-122.149033 °
DWR ID	24693				

Comment Code

Inspector Comment

FS_ID:23044
DS_ID:24693
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch steel gas pipeline through the levee, 2.5 feet below the crown. Pipe visible on upstream side of bridge.
FS Date: 10/3/2013

Photo 1 of 3 : UCIP_SP_2019_23044_39104.jpg

Gasline on upstream side of bridge.

LM Start	**2.47**	Rating **	M	Issue No.	**24 (cont)**
LM End	**2.47**	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2019_23044_39103.jpg

Gasline on upstream side of bridge.

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.47**	Rating **	M	Issue No.	**24 (cont)**
LM End	**2.47**	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051667 °	40.051667 °
				-122.149033 °	-122.149033 °
DWR ID	24693				

Comment Code

Inspector Comment

FS_ID:23044
DS_ID:24693
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch steel gas pipeline through the levee, 2.5 feet below the crown. Pipe visible on upstream side of bridge.
FS Date: 10/3/2013

Photo 3 of 3 : UCIP_SP_2019_23044_39102.jpg

Gasline on upstream side of bridge.

LM Start	**2.65**	Rating **	M	Issue No.	**2**
LM End	**2.70**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.051778 °	40.052243 °
				-122.145745 °	-122.144825 °
DWR ID	DWR_NA0019_05_s _ 2012_2				

Comment Code

V6 : Landscaping

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_82_2_20190327_00001.jpg

View of the landscaping along the 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

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**2.95**	Rating **	M	Issue No.	**12**
LM End	**2.95**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.054301 °	40.054301 °
				-122.141470 °	-122.141470 °
DWR ID	DWR_NA0019_05_s _ 2019_12				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	**3.01**	Rating **	M	Issue No.	**1**
LM End	**3.03**	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			40.054730 °	40.054970 °
				-122.140578 °	-122.140238 °
DWR ID	DWR_ST0010_02_f _ 2022_10				

Comment Code

Inspector Comment

2017 Site ID: ELC 3.0 R
Status: Eroding
2017 Field Notes: Does not appear to have new erosion , channel was being dredged during inspection.
Site History: 2006 - Mass failure of this bank due to being along the outside of a bend where erosion and undercutting are the greatest. Low flow is being forced into the toe of this bank by point bar on the opposite side of the creek. 2011 - Toe of the bank continues to be undercut.

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

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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.12**	Rating **	M	Issue No.	**11**
LM End	**3.12**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.055632 °	40.055607 °
				-122.138910 °	-122.138868 °
DWR ID	DWR_NA0019_05_s _ 2012_11				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.12**	Rating **	M	Issue No.	**17**
LM End	**3.12**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.055500 °	40.055500 °
				-122.138841 °	-122.138841 °
DWR ID	DWR_NA0019_05_f _ 2016_17				

Comment Code

T4 : Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

LM Start	**3.16**	Rating **	M	Issue No.	**15**
LM End	**3.16**	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.055498 °	40.055498 °
				-122.138163 °	-122.138163 °
DWR ID	DWR_NA0019_05_s _ 2019_15				

Comment Code

EQ : Equipment

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
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Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.30**	Rating **	M	Issue No.	**9**
LM End	**3.76**	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.056831 °	40.054862 °
				-122.136365 °	-122.129279 °
DWR ID	DWR_NA0019_05_s _ 2012_9				

Comment Code

V4 : Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

LM Start	**3.35**	Rating **	U	Issue No.	**10**
LM End	**3.35**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.056875 °	40.056875 °
				-122.135349 °	-122.135349 °
DWR ID	DWR_NA0019_05_s _ 2016_10				

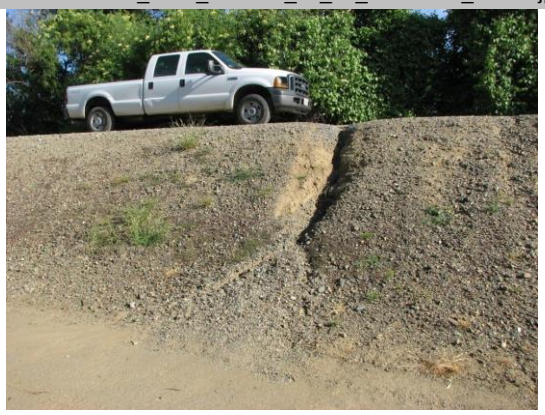
Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Erosion rut runs down the landside slope from crown to toe.

Photo 1 of 1 : SP_2019_NA0019_82_10_20190327_00004.jpg



View of the erosion along the landside slope.

LM Start	**3.38**	Rating **	U	Issue No.	**7**
LM End	**3.38**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.056727 °	40.056727 °
				-122.134888 °	-122.134888 °
DWR ID	DWR_NA0019_05_s _ 2016_7				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_82_7_20190327_00002.jpg

View of the erosion along 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 Deficiency Ob : Design & System Obsolescence En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Spring 2019

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	05/01/2019 05/01/2019	Makar Sokol

LM Start	**3.69**	Rating **	M	Issue No.	**19**
LM End	**3.69**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.054604 °	40.054604 °
				-122.130490 °	-122.130490 °
DWR ID	DWR_NA0019_05_f _ 2016_19				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_82_19_20190327_00007.jpg

View of the erosion along the landside slope.

LM Start	**3.76**	Rating **	U	Issue No.	**18**
LM End	**3.76**	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.054829 °	40.054829 °
				-122.129329 °	-122.129329 °
DWR ID	DWR_NA0019_05_f _ 2016_18				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Photo 1 of 1 : SP_2019_NA0019_82_18_20190327_00006.jpg

View of the erosion along 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