

**Flood Control Project Maintenance
Levee Inspections**

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0019 Tehama County Flood Control and Water Conservation District	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.						
	M *	13.97							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.62		0.62	4.44%	0.05				
Trim / Thin Trees	0.04		0.04	0.29%					
Encroachments	0.03		0.03	0.22%	0.37	0.52			
Slope Stability	0.08		0.08	0.57%					
Erosion / Bank Caving	0.03	0.03	0.15	1.07%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.07%					
<i>Supplemental</i>									
2017 USACE Erosion Survey	0.05		0.05	0.36%					
DRAFT DWR UCIP Field Study					0.30	0.02			
DRAFT DWR UCIP LMA Responsibility									
<i>LMA Totals:</i>	0.86	0.03	0.98	7.02% *	0.72	0.54	0.00	0.00	
Unit No. 01 Deer Creek LB									
NA0019	Overall Unit Rating	Total Unit Miles							
	A	4.22							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.03		0.03	0.71%					
Trim / Thin Trees	0.02		0.02	0.47%					
Encroachments	0.03		0.03	0.71%	0.24	0.52			
Slope Stability	0.01		0.01	0.24%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.20	0.01			
DRAFT DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.09	0.00	0.09	2.13%	0.44	0.53	0.00	0.00	
Unit No. 02 Deer Creek RB									
NA0019	Overall Unit Rating	Total Unit Miles							
	A	1.89							
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.01		0.01	0.53%					
Trim / Thin Trees	0.02		0.02	1.06%					
Encroachments					0.06				
<i>Supplemental</i>									
2017 USACE Erosion Survey	0.05		0.05	2.65%					
DRAFT DWR UCIP Field Study					0.02				
DRAFT DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.08	0.00	0.08	4.24%	0.08	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 Elder Creek LB		Overall Unit Rating	Total Unit Miles						
NA0019		A	3.98						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.11		0.11	2.76%					
Encroachments					0.06				
Slope Stability	0.07		0.07	1.76%					
Erosion / Bank Caving	0.02		0.02	0.50%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.25%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.06				
DRAFT DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.21	0.00	0.21	5.27%	0.12	0.00	0.00	0.00	
Unit No. 05 Elder Creek RB		Overall Unit Rating	Total Unit Miles						
NA0019		M	3.87						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<i>Earthen Levee</i>									
Vegetation	0.47		0.47	12.14%	0.05				
Encroachments					0.01				
Erosion / Bank Caving	0.01	0.03	0.13	3.36%					
<i>Supplemental</i>									
DRAFT DWR UCIP Field Study					0.02	0.01			
DRAFT DWR UCIP LMA Responsibility									
<i>Unit Totals:</i>	0.48	0.03	0.60	15.50%	0.08	0.01	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 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)			M *	

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

* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.

† **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 indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 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)			A	
Date of Inspection	5/1/2019 - 5/1/2019		10/30/2019 - 10/30/2019	
DWR Inspector	Makar Sokol		Makar Sokol	
Accompanied By	Ryan Teubert Tehama County		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 - Fall 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	10/30/2019 10/30/2019	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		o	o	o
			o	o	o
DWR ID	DWR_NA0019_01_f_2019_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		o	o	o
			o	o	o
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		o	o	o
			o	o	o
DWR ID	DWR_NA0019_01_s_2013_14				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2017.					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.01	Rating **	C	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					

No Photos

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 : FA_2019_NA0019_78_275_20190822_00019.jpg



View of the irrigation pipe along the waterside slope.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study		39.973302°	39.973302°	
			-121.983538°	-121.983538°	
DWR ID	24684				
Comment Code					
Inspector Comment					
DS_ID:24684 FS_ID:53998 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 irrigation canal to Deer Creek. Backflow prevention device is absent on this crossing. (O.Yakimov - DWR UCIP)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_FA_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_FA_2019_53998_79243.jpg



Irrigation canal at LS shoulder

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.973302°	39.973302°
				-121.983538°	-121.983538°
DWR ID	24684				
Comment Code					
Inspector Comment					
DS_ID:24684 FS_ID:53998 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 irrigation canal to Deer Creek. Backflow prevention device is absent on this crossing. (O.Yakimov - DWR UCIP)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_FA_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	DRAFT DWR UCIP Field Study			39.973285°	39.973285°
				-121.983531°	-121.983531°
DWR ID	24685				
Comment Code					
Inspector Comment					
DS_ID:24685 FS_ID:53999 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 irrigation canal to Deer Creek. (O.Yakimov - DWR UCIP)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_FA_2019_53999_79247.jpg



Concrete headwall at irrigation canal on LS shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.973285°	39.973285°
				-121.983531°	-121.983531°
DWR ID	24685				
Comment Code					
Inspector Comment					
DS_ID:24685 FS_ID:53999 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 irrigation canal to Deer Creek. (O.Yakimov - DWR UCIP)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_FA_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_FA_2019_53999_79249.jpg



Erosion at concrete headwall

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.972918°	39.972918°
				-121.984747°	-121.984747°
DWR ID	20872				
Comment Code					
Inspector Comment					
DS_ID:20872 FS_ID:54002 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	DRAFT DWR UCIP Field Study			39.972520°	39.972520°
				-121.987433°	-121.987433°
DWR ID	20873				
Comment Code					
Inspector Comment					
DS_ID:20873 FS_ID:54001 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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_78_18_20190822_00006.jpg



View of the erosion along the landside slope.

LM Start	0.45	Rating **	C	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					

No Photos

LM Start	0.46	Rating **	A/W	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					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0019_78_19_20190822_00007.jpg



View of the erosion along the landside slope.

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.972280°	39.972280°
				-121.989227°	-121.989227°
DWR ID	24686				
Comment Code					
Inspector Comment					
DS_ID:24686 FS_ID:54000 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 irrigation canal to Deer Creek. Backflow prevention device is absent on this crossing. (O.Yakimov - DWR UCIP)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_FA_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 : FA_2019_NA0019_78_30_20190822_00010.jpg



View of a small tree on the landside toe. Spring 2019.

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

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.970140°	39.970140°
				-122.001338°	-122.001338°
DWR ID	20874				
Comment Code					
Inspector Comment					
DS_ID:20874 FS_ID:54003 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	1.50	Rating **	M	Issue No.	283
LM End	1.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.969505°	39.969505°
				-122.007588°	-122.007588°
DWR ID	20761				
Comment Code					
Inspector Comment					
DS_ID:20761 FS_ID:54004 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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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 3 : FA_2019_NA0019_78_42_20191101_00072.jpg



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

LM Start	1.55	Rating **	A/W	Issue No.	42 (cont)
LM End	1.58	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA_2019_NA0019_78_42_20190822_00015.jpg



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

LM Start	1.55	Rating **	A/W	Issue No.	42 (cont)
LM End	1.58	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA_2019_NA0019_78_42_20190822_00014.jpg



View of the erosion along the waterside toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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	LMA-500				
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: Critical 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

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	DRAFT DWR UCIP Field Study			39.969024 °	39.969024 °
				-122.009054 °	-122.009054 °
DWR ID	20875				
Comment Code					
Inspector Comment					
DS_ID: 20875 FS_ID: 54005 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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility		39.968642°	39.968642°	
			-122.010494°	-122.010494°	
DWR ID	20770				
Comment Code					
Inspector Comment					
DS_ID:20770 FS_ID:54006 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. (O.Yakimov - DWR UCIP)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 outlet 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_FA_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_FA_2019_54006_79262.jpg



Flap gate at WS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID	20770				
Comment Code					
Inspector Comment					
DS_ID:20770 FS_ID:54006 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. (O.Yakimov - DWR UCIP)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 outlet 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_FA_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 : FA_2019_NA0019_78_2_20190822_00001.jpg



View of the irrigation ditch along the landside toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_78_2_20190822_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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.969156°	39.969156°
				-122.013809°	-122.013809°
DWR ID	24690				
Comment Code					
Inspector Comment					
DS_ID:24690 FS_ID:54007 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 No changes to the crossing. (O.Yakimov - DWR UCIP)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_FA_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_FA_2019_54007_79265.jpg



Leninger Rd bridge looking north. Communication box on road shoulder

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.969156°	39.969156°
				-122.013809°	-122.013809°
DWR ID	24690				
Comment Code					
Inspector Comment					
DS_ID:24690 FS_ID:54007 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 No changes to the crossing. (O.Yakimov - DWR UCIP)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_FA_2019_54007_79266.jpg



Underground conduit goes toward the levee

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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	DRAFT DWR UCIP LMA Responsibility		39.969105°	39.969105°	
			-122.014028°	-122.014028°	
DWR ID	20769				
Comment Code					
Inspector Comment					
DS_ID:20769 FS_ID:54008 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Same as last inspection. Flapgate on WS is missing, pipe partially blocked with sedimen. (O.Yakimov - DWR UCIP)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_FA_2019_54008_79270.jpg



Overview of levee crown where pipe crosses

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

Photo 2 of 3 : UCIP_FA_2019_54008_79271.jpg



Partially silted pipe at WS toe missing flap gate

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			39.969105°	39.969105°
				-122.014028°	-122.014028°
DWR ID	20769				
Comment Code					
Inspector Comment					
DS_ID:20769 FS_ID:54008 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 05/14/20198 Same as last inspection. Flapgate on WS is missing, pipe partially blocked with sedimen. (O.Yakimov - DWR UCIP)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 3 of 3 : UCIP_FA_2019_54008_79268.jpg



Concrete outfall structure at LS toe and irrigation canal

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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.967082°	39.967082°
				-122.021008°	-122.021008°
DWR ID	20768				
Comment Code					
Inspector Comment					
DS_ID:20768 FS_ID:54009 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 05/14/2019 Crossing not found (O.Yakimov - DWR UCIP) 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	DRAFT DWR UCIP Field Study			39.967415°	39.967415°
				-122.022490°	-122.022490°
DWR ID	20876				
Comment Code					
Inspector Comment					
DS_ID:20876 FS_ID:54010 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 05/14/2019 Crossing not found (O.Yakimov - DWR UCIP) 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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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	LMA-23				
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

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	DRAFT DWR UCIP LMA Responsibility		39.966363 °	39.966363 °	
			-122.025755 °	-122.025755 °	
DWR ID	20877				
Comment Code					
Inspector Comment					
DS_ID:20877 FS_ID:54011 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. (O.Yakimov - DWR UCIP)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_FA_2019_54011_79272.jpg



Concrete headwall on LS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID	20877				
Comment Code					
Inspector Comment					
DS_ID:20877 FS_ID:54011 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. (O.Yakimov - DWR UCIP)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 2 of 3 : UCIP_FA_2019_54011_79273.jpg



Concrete headwall on LS toe: top of pipe visible

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

Photo 3 of 3 : UCIP_FA_2019_54011_79274.jpg



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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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	LMA-72				
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

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 : FA_2019_NA0019_78_43_20190822_00016.jpg



View of erosion along waterside toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.78	Rating **	C	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

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	DRAFT DWR UCIP LMA Responsibility			39.963938°	39.963938°
				-122.030128°	-122.030128°
DWR ID	20767				
Comment Code					
Inspector Comment					
DS_ID:20767 FS_ID:54012 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. (O.Yakimov - DWR UCIP) 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_FA_2019_54012_79276.jpg



Headwal and concrete pipe at LS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID	20767				
Comment Code					
Inspector Comment					
DS_ID:20767 FS_ID:54012 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. (O.Yakimov - DWR UCIP) 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 2 of 3 : UCIP_FA_2019_54012_79277.jpg



View of landside with headwall at the toe

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

Photo 3 of 3 : UCIP_FA_2019_54012_79278.jpg



Pipe outlet with flap gate at WS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.88	Rating **	A/W	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 : FA_2019_NA0019_78_20_20190822_00008.jpg



View of the instability along the landside slope.

LM Start	2.93	Rating **	C	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

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 : FA_2019_NA0019_78_37_20190822_00012.jpg



View of the scrap equipment along the waterside toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

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	DRAFT DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID	20766				
Comment Code					
Inspector Comment					
DS_ID:20766 FS_ID:54013 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. (O.Yakimov - DWR UCIP)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_FA_2019_54013_38952.jpg



Low spot with water on LS toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID	20766				
Comment Code					
Inspector Comment					
DS_ID:20766 FS_ID:54013 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. (O.Yakimov - DWR UCIP)Pipe buried. Water flows to low spot and disappears, 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 2 of 3 : UCIP_FA_2019_54013_38951.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 3 of 3 : UCIP_FA_2019_54013_38953.jpg



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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	3.40	Rating **	C	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.					

No Photos

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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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	DRAFT DWR UCIP Field Study			39.946360°	39.946360°
				-122.053215°	-122.053215°
DWR ID	20765				
Comment Code					
Inspector Comment					
DS_ID:20765 FS_ID:54014 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. (O.Yakimov - DWR UCIP) 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_FA_2019_54014_79281.jpg



View of levee crown at the crossing. Communication box on LS shoulder

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

Photo 2 of 3 : UCIP_FA_2019_54014_39143.jpg



Communication cable junction box on LS shoulder.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.946360°	39.946360°
				-122.053215°	-122.053215°
DWR ID	20765				
Comment Code					
Inspector Comment					
DS_ID:20765 FS_ID:54014 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. (O.Yakimov - DWR UCIP) 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 3 of 3 : UCIP_FA_2019_54014_39142.jpg



Communication cable visible at joint pole on WS slope

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	DRAFT DWR UCIP Field Study			39.946085°	39.946085°
				-122.053832°	-122.053832°
DWR ID	20764				
Comment Code					
Inspector Comment					
DS_ID:20764 FS_ID:54015 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 05/14/2019 Crossing not found (O.Yakimov - DWR UCIP) 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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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 : FA_2019_NA0019_78_35_20190822_00011.jpg



View of the vegetation along the landside slope and toe.

LM Start	3.59	Rating **	M	Issue No.	295
LM End	3.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID	24687				
Comment Code					
Inspector Comment					
DS_ID:24687 FS_ID:54016 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Debris inside of pipe outlet on WS should be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP)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_FA_2019_54016_79282.jpg



View of pipe outlet on WS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study		39.945928 °	39.945928 °	
			-122.054305 °	-122.054305 °	
DWR ID	24689				
Comment Code					
Inspector Comment					
DS_ID:24689 FS_ID:54018 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. (O. Yakimov - DWR UCIP)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_FA_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_FA_2019_54018_78195.jpg



Pipe inlet at LS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID	24689				
Comment Code					
Inspector Comment					
DS_ID:24689 FS_ID:54018 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. (O.Yakimov - DWR UCIP)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_FA_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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study		39.945206°	39.945206°	
			-122.053672°	-122.053672°	
DWR ID	20878				
Comment Code					
Inspector Comment					
DS_ID:20878 FS_ID:54019 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 05/14/2019 Crossing not found (O.Yakimov - DWR UCIP) 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	DRAFT DWR UCIP Field Study		39.945184°	39.945184°	
			-122.053638°	-122.053638°	
DWR ID	20879				
Comment Code					
Inspector Comment					
DS_ID:20879 FS_ID:54020 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 05/14/2019 Crossing not found (O.Yakimov - DWR UCIP) 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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_78_15_20190822_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	DRAFT DWR UCIP Field Study		39.944460°	39.944460°	
			-122.053930°	-122.053930°	
DWR ID	20763				
Comment Code					
Inspector Comment					
DS_ID:20763 FS_ID:54021 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. (O.Yakimov - DWR UCIP) 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_FA_2019_54021_79289.jpg



View of pipe outlet at WS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.944460°	39.944460°
				-122.053930°	-122.053930°
DWR ID	20763				
Comment Code					
Inspector Comment					
DS_ID:20763 FS_ID:54021 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. (O.Yakimov - DWR UCIP) 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_FA_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_FA_2019_54021_79292.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_78_44_20190822_00017.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	DRAFT DWR UCIP LMA Responsibility			39.941574°	39.941574°
				-122.057597°	-122.057597°
DWR ID	20760				
Comment Code					
Inspector Comment					
DS_ID:20760 FS_ID:54023 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 No issues recorded during inspection. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Flap gate on the waterside (WS) end. 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_FA_2019_54023_79298.jpg



Headwall and pipe inlet at LS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	4.03	Rating **	C	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	DRAFT DWR UCIP LMA Responsibility			39.940933°	39.940933°
				-122.058894°	-122.058894°
DWR ID	20762				
Comment Code					
Inspector Comment					
DS_ID:20762 FS_ID:54024 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Missing flap gate, pipe outlet is silted. (O.Yakimov - DWR UCIP)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_FA_2019_54024_79304.jpg



Headwall and inlet at LS toe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility		39.940933 °	39.940933 °	
			-122.058894 °	-122.058894 °	
DWR ID	20762				
Comment Code					
Inspector Comment					
DS_ID:20762 FS_ID:54024 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Missing flap gate, pipe outlet is silted. (O.Yakimov - DWR UCIP)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_FA_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_FA_2019_54024_79303.jpg



View of levee crown at the crossing

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

Unit Cover Sheet

Fall 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)			A	
Date of Inspection	5/1/2019 - 5/1/2019		10/30/2019 - 10/30/2019	
DWR Inspector	Makar Sokol		Makar Sokol	
Accompanied By	Ryan Teubert Tehama County		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 - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_79_13_20190822_00007.jpg



View of a tree with new thick growth blocking visibility.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.970448°	39.970448°
				-122.013773°	-122.013773°
DWR ID	20772				
Comment Code					
Inspector Comment					
DS_ID:20772 FS_ID:53995 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. (O.Yakimov - DWR UCIP) 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 **	C	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					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.970256°	39.970256°
				-122.014471°	-122.014471°
DWR ID	24683				
Comment Code					
Inspector Comment					
DS_ID:24683 FS_ID:53996 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_FA_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_FA_2019_53996_79236.jpg



Conduit on upstream side on Leninger Rd bridge

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID	24683				
Comment Code					
Inspector Comment					
DS_ID:24683 FS_ID:53996 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_FA_2019_53996_79237.jpg



Two AT&T underground 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 : FA_2019_NA0019_79_11_20190822_00005.jpg



View of a concrete-lined ditch along the levee toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.34	Rating **	M	Issue No.	4
LM End	0.34	Issue Type +	En	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 : FA_2019_NA0019_79_4_20190822_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 : FA_2019_NA0019_79_14_20190822_00008.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 : FA_2019_NA0019_79_7_20190822_00003.jpg



View of a building along the levee toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 **	M	Issue No.	21
LM End	0.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID	20771				
Comment Code					
Inspector Comment					
<p>DS_ID:20771 FS_ID:53997 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Pipe is 50% silted throughout its entire length. 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. (O.Yakimov - DWR UCIP)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</p>					

Photo 1 of 3 : UCIP_FA_2019_53997_79240.jpg



View of pipe from LS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.68	Rating **	M	Issue No.	21 (cont)
LM End	0.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID	20771				
Comment Code					
Inspector Comment					
DS_ID:20771 FS_ID:53997 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/14/2019 Pipe is 50% silted throughout its entire length. 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. (O.Yakimov - DWR UCIP)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_FA_2019_53997_79241.jpg



Flapgate on WS outlet

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

Photo 3 of 3 : UCIP_FA_2019_53997_79238.jpg



Flapgate gap due to sediment buildup at the bottom of pipe

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.81	Rating **	C	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					
Regraded and gravel added.					

No Photos

LM Start	0.81	Rating **	C	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					
Slope regraded and gravel added.					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	LMA-24				
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			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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.17	Rating **	M	Issue No.	10
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.965721 °	39.965721 °
				-122.028993 °	-122.028993 °
DWR ID	DWR_NA0019_02_f_2019_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : FA_2019_NA0019_79_10_20191101_00016.jpg



View of the vegetation along the landside slope. Fall 2019.

LM Start	1.28	Rating **	C	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.					

No Photos

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

Unit Cover Sheet

Fall 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)			A	
Date of Inspection	5/1/2019 - 5/1/2019		10/30/2019 - 10/30/2019	
DWR Inspector	Makar Sokol		Makar Sokol	
Accompanied By	Ryan Teubert Tehama County		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 - Fall 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	10/30/2019 10/30/2019	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 **	M	Issue No.	917
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051604°	40.051604°
				-122.184431°	-122.184431°
DWR ID	20775				
Comment Code					
Inspector Comment					
DS_ID:20775 FS_ID:54114 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) 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: 5/28/2019 7:19:25 AM					

Photo 1 of 3 : UCIP_FA_2019_54114_79538.jpg



Top of Levee

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.26	Rating **	C	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					

No Photos

LM Start	0.34	Rating **	C	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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.51	Rating **	M	Issue No.	919 (cont)
LM End	0.51	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051211 °	40.051211 °
				-122.179663 °	-122.179663 °
DWR ID	20777				
Comment Code					
Inspector Comment					
DS_ID:20777 FS_ID:54116 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) 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: 5/28/2019 9:54:39 AM					

Photo 3 of 3 : UCIP_FA_2019_54116_79554.jpg



Water-Side

LM Start	0.53	Rating **	C	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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.61	Rating **	C	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 **	M	Issue No.	920
LM End	0.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051699°	40.051699°
				-122.177320°	-122.177320°
DWR ID	20778				
Comment Code					
Inspector Comment					
DS_ID:20778 FS_ID:54117 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 10:22:34 AM					

Photo 1 of 3 : UCIP_FA_2019_54117_79557.jpg



View of levee crown at crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			40.051702°	40.051702°
				-122.177308°	-122.177308°
DWR ID	20880				
Comment Code					
Inspector Comment					
DS_ID:20880 FS_ID:54118 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP)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: 5/28/2019 10:27:16 AM					

Photo 1 of 3 : UCIP_FA_2019_54118_79564.jpg



View of levee crown at crossing

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

Photo 2 of 3 : UCIP_FA_2019_54118_79565.jpg



View of LS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP LMA Responsibility			40.051702°	40.051702°
				-122.177308°	-122.177308°
DWR ID	20880				
Comment Code					
Inspector Comment					
DS_ID:20880 FS_ID:54118 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP)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: 5/28/2019 10:27:16 AM					

Photo 3 of 3 : UCIP_FA_2019_54118_79566.jpg



View of WS

LM Start	0.68	Rating **	C	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					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.73	Rating **	C	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					

No Photos

LM Start	0.75	Rating **	M	Issue No.	922
LM End	0.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.052194°	40.052194°
				-122.175390°	-122.175390°
DWR ID	20779				
Comment Code					
Inspector Comment					
DS_ID:20779 FS_ID:54119 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Pipe is partially filled with silt and debris. (O.Yakimov - DWR UCIP) 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: 5/28/2019 10:30:54 AM					

Photo 1 of 3 : UCIP_FA_2019_54119_79571.jpg



Top of Levee

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.85	Rating **	C	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 **	M	Issue No.	923
LM End	0.91	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.053401 °	40.053401 °
				-122.172848 °	-122.172848 °
DWR ID	20780				
Comment Code					
Inspector Comment					
DS_ID:20780 FS_ID:54120 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Pipe is slightly filled with silt and debris. (O.Yakimov - DWR UCIP) 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: 5/28/2019 11:11:41 AM					

Photo 1 of 3 : UCIP_FA_2019_54120_79577.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.92	Rating **	C	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.					

No Photos

LM Start	1.04	Rating **	C	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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.07	Rating **	M	Issue No.	924 (cont)
LM End	1.07	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.052400°	40.052400°
				-122.170279°	-122.170279°
DWR ID	20790				
Comment Code					
Inspector Comment					
DS_ID:20790 FS_ID:54121 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 11:19:17 AM					

Photo 3 of 3 : UCIP_FA_2019_54121_79584.jpg



LS levee slope

LM Start	1.11	Rating **	M	Issue No.	925
LM End	1.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051958°	40.051958°
				-122.170031°	-122.170031°
DWR ID	20773				
Comment Code					
Inspector Comment					
DS_ID:20773 FS_ID:54123 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 11:34:16 AM					

Photo 1 of 3 : UCIP_FA_2019_54123_79589.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.12	Rating **	C	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					

No Photos

LM Start	1.15	Rating **	C	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					

No Photos

LM Start	1.26	Rating **	C	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.					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.27	Rating **	C	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

LM Start	1.30	Rating **	M	Issue No.	926
LM End	1.30	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051563 °	40.051563 °
				-122.166630 °	-122.166630 °
DWR ID	20782				
Comment Code					
Inspector Comment					
DS_ID:20782 FS_ID:54124 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 12:41:38 PM					

Photo 1 of 3 : UCIP_FA_2019_54124_79596.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.30	Rating **	C	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

LM Start	1.36	Rating **	C	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 **	C	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					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.39	Rating **	C	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

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_s_2012_9				
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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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			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

LM Start	1.44	Rating **	C	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					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

LM Start	1.56	Rating **	M	Issue No.	927
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.052495°	40.052495°
				-122.161921°	-122.161921°
DWR ID	20783				
Comment Code					
Inspector Comment					
DS_ID:20783 FS_ID:54125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Pipe is partially filled with silt and debris. (O.Yakimov - DWR UCIP) 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: 5/28/2019 12:53:39 PM					

Photo 1 of 3 : UCIP_FA_2019_54125_79602.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.56	Rating **	M	Issue No.	927 (cont)
LM End	1.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP LMA Responsibility		40.052495°	40.052495°	
			-122.161921°	-122.161921°	
DWR ID	20783				
Comment Code					
Inspector Comment					
DS_ID:20783 FS_ID:54125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Pipe is partially filled with silt and debris. (O.Yakimov - DWR UCIP) 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: 5/28/2019 12:53:39 PM					

Photo 2 of 3 : UCIP_FA_2019_54125_79603.jpg



Water-Side

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

Photo 3 of 3 : UCIP_FA_2019_54125_79604.jpg



Land-Side

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.58	Rating **	M	Issue No.	928
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		40.052598°	40.052598°	
			-122.161655°	-122.161655°	
DWR ID	20784				
Comment Code					
Inspector Comment					
DS_ID:20784 FS_ID:54126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 1 of 3: 36-inch reinforced concrete drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 1:10:12 PM					

Photo 1 of 3 : UCIP_FA_2019_54126_79608.jpg



View of levee crown at the crossing

LM Start	1.58	Rating **	M	Issue No.	928 (cont)
LM End	1.58	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_54126_79610.jpg



View of LS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.58	Rating **	M	Issue No.	928 (cont)
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052598 °	40.052598 °
				-122.161655 °	-122.161655 °
DWR ID	20784				
Comment Code					
Inspector Comment					
DS_ID:20784 FS_ID:54126 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 1 of 3: 36-inch reinforced concrete drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 1:10:12 PM					

Photo 3 of 3 : UCIP_FA_2019_54126_79611.jpg



View of WS

LM Start	1.58	Rating **	M	Issue No.	929
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052603 °	40.052603 °
				-122.161640 °	-122.161640 °
DWR ID	20881				
Comment Code					
Inspector Comment					
DS_ID:20881 FS_ID:54127 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 2 of 3: 36-inch reinforced concrete drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 1:11:26 PM					

Photo 1 of 3 : UCIP_FA_2019_54127_79618.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.58	Rating **	M	Issue No.	930 (cont)
LM End	1.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052610 °	40.052610 °
				-122.161623 °	-122.161623 °
DWR ID	20882				
Comment Code					
Inspector Comment					
DS_ID:20882 FS_ID:54128 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 3 of 3: 36-inch reinforced concrete drainage pipe through the levee, 10.4 feet below the crown. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 1:52:00 PM					

Photo 3 of 3 : UCIP_FA_2019_54128_79626.jpg



View of WS

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 : FA_2019_NA0019_81_3_20190822_00003.jpg



View of a dip along the levee slope.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_81_3_20190822_00004.jpg



View of the levee slope damaged by vehicle traffic.

LM Start	1.65	Rating **	M	Issue No.	931
LM End	1.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.053149°	40.053149°
				-122.160463°	-122.160463°
DWR ID	20785				
Comment Code					
Inspector Comment					
DS_ID:20785 FS_ID:54129 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Water level in canal is too high to see siphon pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: [Tehama-Colusa Canal] 18-foot reinforced concrete irrigation siphon pipe through the levee, 30 feet below the crown. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 2:01:09 PM					

Photo 1 of 3 : UCIP_FA_2019_54129_79630.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.65	Rating **	M	Issue No.	931 (cont)
LM End	1.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.053149°	40.053149°
				-122.160463°	-122.160463°
DWR ID	20785				
Comment Code					
Inspector Comment					
DS_ID:20785 FS_ID:54129 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Water level in canal is too high to see siphon pipe. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: [Tehama-Colusa Canal] 18-foot reinforced concrete irrigation siphon pipe through the levee, 30 feet below the crown. [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 5/28/2019 2:01:09 PM					

Photo 2 of 3 : UCIP_FA_2019_54129_79631.jpg



View of LS slope

LM Start	1.65	Rating **	M	Issue No.	931 (cont)
LM End	1.65	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_FA_2019_54129_79632.jpg



Canal flow regulating gates

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.69	Rating **	M	Issue No.	932 (cont)
LM End	1.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.053590 °	40.053590 °
				-122.159982 °	-122.159982 °
DWR ID	20786				
Comment Code					
Inspector Comment					
DS_ID:20786 FS_ID:54130 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Brush at pipe outlet, but doesn't seem to affect flap gate operation. (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:18:51 PM					

Photo 3 of 3 : UCIP_FA_2019_54130_79637.jpg



View of WS

LM Start	1.69	Rating **	M	Issue No.	933
LM End	1.69	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.053601 °	40.053601 °
				-122.159966 °	-122.159966 °
DWR ID	20883				
Comment Code					
Inspector Comment					
DS_ID:20883 FS_ID:54131 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Brush at pipe outlet, but doesn't seem to affect flap gate operation. (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:24:53 PM					

Photo 1 of 3 : UCIP_FA_2019_54131_79641.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	1.99	Rating **	M	Issue No.	935 (cont)
LM End	1.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.052731 °	40.052731 °
				-122.154695 °	-122.154695 °
DWR ID	20787				
Comment Code					
Inspector Comment					
DS_ID:20787 FS_ID:54133 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:33:09 PM					

Photo 3 of 3 : UCIP_FA_2019_54133_79656.jpg



View of LS

LM Start	1.99	Rating **	M	Issue No.	936
LM End	1.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.052729 °	40.052729 °
				-122.154673 °	-122.154673 °
DWR ID	20885				
Comment Code					
Inspector Comment					
DS_ID:20885 FS_ID:54134 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:38:32 PM					

Photo 1 of 3 : UCIP_FA_2019_54134_79660.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

LM Start	2.21	Rating **	M	Issue No.	937
LM End	2.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051985 °	40.051985 °
				-122.150737 °	-122.150737 °
DWR ID	20788				
Comment Code					
Inspector Comment					
DS_ID:20788 FS_ID:54135 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:44:10 PM					

Photo 1 of 3 : UCIP_FA_2019_54135_79666.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.21	Rating **	M	Issue No.	937 (cont)
LM End	2.21	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051985°	40.051985°
				-122.150737°	-122.150737°
DWR ID	20788				
Comment Code					
Inspector Comment					
DS_ID:20788 FS_ID:54135 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection (O.Yakimov - DWR UCIP) 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: 5/28/2019 2:44:10 PM					

Photo 2 of 3 : UCIP_FA_2019_54135_79667.jpg



View of WS

LM Start	2.21	Rating **	M	Issue No.	937 (cont)
LM End	2.21	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2019_54135_79669.jpg



View of LS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.23	Rating **	M	Issue No.	938
LM End	2.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052063 °	40.052063 °
				-122.150450 °	-122.150450 °
DWR ID	24695				
Comment Code					
Inspector Comment					
DS_ID:24695 FS_ID:54136 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/28/2019 Found indications of the crossing. Reclassified crossing status to Indicator Found. (O.Yakimov - DWR UCIP)No permit identified for this crossing. FIELD_STRUCT_DESC: oyakimovFiber optics conduit of an unknown size or material through the levee, at an unknown depth. Signage on the landside (LS) visible. FS Date: 5/28/2019 2:55:24 PM					

Photo 1 of 3 : UCIP_FA_2019_54136_79673.jpg



View of LS with fiber optic line markers

LM Start	2.23	Rating **	M	Issue No.	938 (cont)
LM End	2.23	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_FA_2019_54136_79672.jpg



Fiber optic line markers on LS

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.23	Rating **	M	Issue No.	938 (cont)
LM End	2.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052063°	40.052063°
				-122.150450°	-122.150450°
DWR ID	24695				
Comment Code					
Inspector Comment					
DS_ID:24695 FS_ID:54136 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 05/28/2019 Found indications of the crossing. Reclassified crossing status to Indicator Found. (O.Yakimov - DWR UCIP)No permit identified for this crossing. FIELD_STRUCT_DESC: oyakimovFiber optics conduit of an unknown size or material through the levee, at an unknown depth. Signage on the landside (LS) visible. FS Date: 5/28/2019 2:55:24 PM					

Photo 3 of 3 : UCIP_FA_2019_54136_79674.jpg



An indicator of crossing on WS shoulder

LM Start	2.28	Rating **	M	Issue No.	939
LM End	2.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.052379°	40.052379°
				-122.149534°	-122.149534°
DWR ID	24694				
Comment Code					
Inspector Comment					
DS_ID:24694 FS_ID:54137 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: 5/28/2019 3:08:00 PM					

Photo 1 of 3 : UCIP_FA_2019_54137_79677.jpg



Levee crown at crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_81_12_20190822_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 : FA_2019_NA0019_81_30_20190822_00017.jpg



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

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 : FA_2019_NA0019_81_20_20190822_00012.jpg



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

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

Levee Inspection Report By Mile - Fall 2019

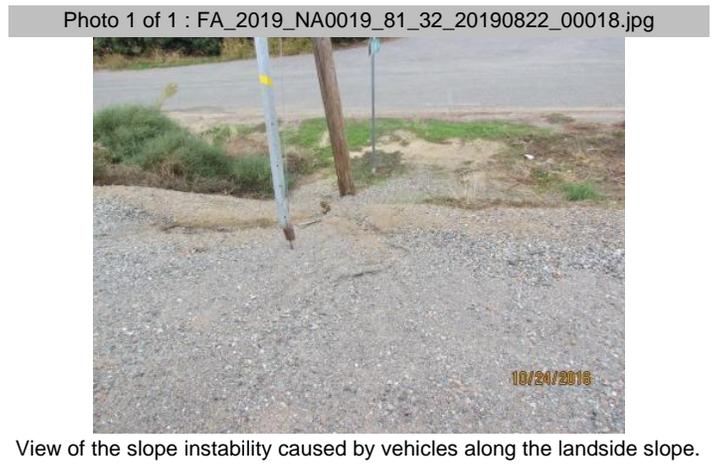
Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	10/30/2019 10/30/2019	Makar Sokol

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					



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					



LM Start	2.63	Rating **	C	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.					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

LM Start	2.83	Rating **	M	Issue No.	71
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.055528°	40.055528°
				-122.141319°	-122.141319°
DWR ID	DWR_NA0019_04_f_2019_71				
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.					

Photo 1 of 1 : FA_2019_NA0019_81_71_20191101_00095.jpg



View of a large rill on the landside slope. Fall 2019.

LM Start	2.83	Rating **	A/W	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 : FA_2019_NA0019_81_916_20190822_00025.jpg



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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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 : FA_2019_NA0019_81_10_20190822_00006.jpg



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

LM Start	3.02	Rating **	A/W	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

LM Start	3.04	Rating **	A/W	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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

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

Photo 1 of 1 : FA_2019_NA0019_81_1_20190822_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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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 : FA_2019_NA0019_81_25_20190822_00014.jpg



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

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

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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 : FA_2019_NA0019_81_6_20190822_00005.jpg



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

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 : FA_2019_NA0019_81_39_20190822_00019.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 : FA_2019_NA0019_81_21_20190822_00013.jpg



View of the prunings along landside toe.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

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

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

Unit Cover Sheet

Fall 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)			M	
Date of Inspection	5/1/2019 - 5/1/2019		10/30/2019 - 10/30/2019	
DWR Inspector	Makar Sokol		Makar Sokol	
Accompanied By	Ryan Teubert Tehama County		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 - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.11	Rating **	M	Issue No.	20 (cont)
LM End	0.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP LMA Responsibility			40.051702°	40.051702°
				-122.189922°	-122.189922°
DWR ID	20799				
Comment Code					
Inspector Comment					
DS_ID:20799 FS_ID:54066 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Debris at the outlet needs to be cleared for proper flap gate operation. (O.Yakimov - DWR UCIP) 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: 5/28/2019 1:31:26 PM					

Photo 3 of 3 : UCIP_FA_2019_54066_79379.jpg



Inside of pipe looking from LS inlet

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	DRAFT DWR UCIP LMA Responsibility			40.050585°	40.050585°
				-122.182972°	-122.182972°
DWR ID	20801				
Comment Code					
Inspector Comment					
DS_ID:20801 FS_ID:54069 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection. (O.Yakimov - DWR UCIP)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: 5/28/2019					

Photo 1 of 3 : UCIP_FA_2019_54069_79394.jpg



View of levee crown at the crossing

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	0.69	Rating **	C	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 diameter or less at the chest height should be removed from the waterside toe.					

No Photos

LM Start	0.94	Rating **	C	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					

No Photos

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			40.052313°	40.052313°
				-122.160085°	-122.160085°
DWR ID	20795				
Comment Code					
Inspector Comment					
DS_ID:20795 FS_ID:54060 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. (O.Yakimov - DWR UCIP) 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_FA_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_FA_2019_54060_79349.jpg



Closeup view of subsidence on LS slope

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			40.052313 °	40.052313 °
				-122.160085 °	-122.160085 °
DWR ID	20795				
Comment Code					
Inspector Comment					
DS_ID:20795 FS_ID:54060 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. (O.Yakimov - DWR UCIP) 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_FA_2019_54060_79350.jpg



View of LS slope at the crossing

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	DRAFT DWR UCIP Field Study			40.051336 °	40.051336 °
				-122.149991 °	-122.149991 °
DWR ID	24692				
Comment Code					
Inspector Comment					
DS_ID:24692 FS_ID:54079 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection. (O.Yakimov - DWR UCIP)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: 5/28/2019 2:53:47 PM					

Photo 1 of 3 : UCIP_FA_2019_54079_79412.jpg



Landside view with markers installed

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.41	Rating **	M	Issue No.	23 (cont)
LM End	2.41	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			40.051336°	40.051336°
				-122.149991°	-122.149991°
DWR ID	24692				
Comment Code					
Inspector Comment					
DS_ID:24692 FS_ID:54079 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 No issues recorded during inspection. (O.Yakimov - DWR UCIP)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: 5/28/2019 2:53:47 PM					

Photo 2 of 3 : UCIP_FA_2019_54079_79413.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 3 of 3 : UCIP_FA_2019_54079_79414.jpg



Closeup view of fiber optic line markers

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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	DRAFT DWR UCIP Field Study			40.051667°	40.051667°
				-122.149033°	-122.149033°
DWR ID	24693				
Comment Code					
Inspector Comment					
DS_ID:24693 FS_ID:54083 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/28/2019 Minor runoff erision between the bridge and WS slope at the place where crossing daylight. (O.Yakimov - DWR UCIP)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: 5/28/2019 3:02:30 PM					

Photo 3 of 3 : UCIP_FA_2019_54083_79417.jpg



Minor runoff erosion at the bridge and WS slope

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 : FA_2019_NA0019_82_2_20190822_00001.jpg



View of the landscaping along the slope.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	2.95	Rating **	C	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 **	A/W	Issue No.	1
LM End	3.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 **	C	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 LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	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 : FA_2019_NA0019_82_10_20190822_00005.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 : FA_2019_NA0019_82_7_20190822_00003.jpg



View of the erosion along the landside slope.

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

Levee Inspection Report By Mile - Fall 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	10/30/2019 10/30/2019	Makar Sokol

LM Start	3.52	Rating **	A	Issue No.	16
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.054979°	40.054979°
				-122.133702°	-122.133702°
DWR ID	DWR_NA0019_05_f_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Landside slope is well maintained and free of vegetation.					

Photo 1 of 1 : FA_2019_NA0019_82_16_20191101_00023.jpg



View of well maintained landside slope. Fall 2019.

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 : FA_2019_NA0019_82_19_20190822_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 : FA_2019_NA0019_82_18_20190822_00006.jpg



View of the erosion along the landside slope.

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