

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0019		Overall LMA Rating	Total LMA Miles						
Tehama County Flood Control and Water Conservation District		U	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	1.25		1.25	8.95%	0.05				
Encroachments	0.07		0.07	0.50%	0.55	0.01			
Animal Control	0.01		0.01	0.07%					
Slope Stability	0.37		0.37	2.65%					
Erosion / Bank Caving	0.05	0.41	1.69	12.10%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.15		0.15	1.07%					
DWR UCIP Field Study					0.17	0.06			
<i>LMA Totals:</i>	1.90	0.41	3.54	25.34%	0.77	0.07	0.00	0.00	
Unit No. 01 Deer Creek LB		Overall Unit Rating	Total Unit Miles						
NA0019		U	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	0.75		0.75	17.75%					
Encroachments	0.01		0.01	0.24%	0.24	0.01			
Animal Control	0.01		0.01	0.24%					
Slope Stability	0.16		0.16	3.79%					
Erosion / Bank Caving	0.04		0.04	0.95%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.02		0.02	0.47%					
DWR UCIP Field Study					0.11	0.04			
<i>Unit Totals:</i>	0.99	0.00	0.99	23.44%	0.35	0.05	0.00	0.00	
Unit No. 02 Deer Creek RB		Overall Unit Rating	Total Unit Miles						
NA0019		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>									
Encroachments	0.03		0.03	1.59%	0.02				
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.05		0.05	2.65%					
DWR UCIP Field Study					0.01	0.01			
<i>Unit Totals:</i>	0.08	0.00	0.08	4.24%	0.03	0.01	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**

**Fall 2015 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		U	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	0.03		0.03	0.75%					
Encroachments	0.03		0.03	0.75%	0.28				
Slope Stability	0.20		0.20	5.02%					
Erosion / Bank Caving		0.40	1.60	40.18%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.06		0.06	1.51%					
DWR UCIP Field Study					0.02	0.01			
<i>Unit Totals:</i>	0.32	0.40	1.92	48.22%	0.30	0.01	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				
Slope Stability	0.01		0.01	0.26%					
Erosion / Bank Caving	0.01	0.01	0.05	1.29%					
<i>Supplemental</i>									
2015 USACE Erosion Survey, DRAFT	0.02		0.02	0.52%					
DWR UCIP Field Study					0.03				
<i>Unit Totals:</i>	0.51	0.01	0.55	14.20%	0.09	0.00	0.00	0.00	

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 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)			U	

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 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)			U	
Date of Inspection	04/16/2015 - 04/16/2015		09/24/2015 - 09/24/2015	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Brandon Konicke Tehama County		Brandon Konicke Tehama County	
	Ryan Teubert		Ryan Teubert	

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_NA0019_01_s_2013_12				
Action/Comments					
Inspector Comments: The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_NA0019_01_s_2013_13				
Action/Comments					
Inspector Comments: The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_NA0019_01_s_2013_14				
Action/Comments					
Inspector Comments: The LMA completed flood fight training in 2014.					

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.01	Rating **	M	Issue No.	17
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.973111 °	39.973111 °
				-121.980466 °	-121.980466 °
DWR ID	DWR_NA0019_01_s_2013_17				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2015_NA0019_78_17_20150910_00009.jpg



View of the erosion along the landside slope.

LM Start	0.02	Rating **	U	Issue No.	275
LM End	0.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.973128 °	39.973128 °
				-121.980734 °	-121.980734 °
DWR ID	DWR_NA0019_01_s_2014_275				
Action/Comments					
Pipe					

Photo 1 of 1 : FA_2015_NA0019_78_275_20150910_00016.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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.17	Rating **	M	Issue No.	278
LM End	0.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973302 °	39.973302 °
				-121.983538 °	-121.983538 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39840 DS_ID:24684 EP_NO: N/A FS_HLM: 0.182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 36-inch concrete irrigation pipe through the levee 0.5-feet below the crown. Concrete canal and distribution structure on LS shoulder. FS Date: 10/02/2013					

Photo 1 of 2 : UCIP_FA_2015_1919.jpg



Pipe visible at WS outlet.

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

Photo 2 of 2 : UCIP_FA_2015_1920.jpg



Outlet covered by tree trimmings.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.17	Rating **	M	Issue No.	279
LM End	0.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973285 °	39.973285 °
				-121.983531 °	-121.983531 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39838 DS_ID:24685 EP_NO: N/A FS_HLM: 0.182 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 1 : UCIP_FA_2015_1918.jpg



Concrete U-shaped headwall and flaggate at WS toe.

LM Start	0.41	Rating **	M	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				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2015_NA0019_78_18_20150910_00010.jpg



View of the erosion along the landside slope.

LM Start	0.45	Rating **	M	Issue No.	276
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.972377 °	39.972377 °
				-121.988559 °	-121.988559 °
DWR ID	DWR_NA0019_01_s_2014_276				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA_2015_NA0019_78_276_20150910_00017.jpg



View of the erosion along the waterside slope.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.46	Rating **	M	Issue No.	19
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.972339 °	39.972339 °	
			-121.988763 °	-121.988763 °	
DWR ID	DWR_NA0019_01_s_2013_19				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : FA_2015_NA0019_78_19_20150910_00011.jpg



View of the erosion along the landside slope.

LM Start	0.49	Rating **	M	Issue No.	280
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.972280 °	39.972280 °	
			-121.989227 °	-121.989227 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39839 DS_ID:24686 EP_NO: N/A FS_HLM: 0.5 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 20-inch concrete irrigation pipe through the levee 2-feet below the crown. Concrete canal and distribution structure with slat boards on LS shoulder. FS Date: 10/02/2013					

Photo 1 of 3 : UCIP_FA_2015_1921.jpg



Pipe visible at outlet on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.49	Rating **	M	Issue No.	280 (cont)
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972280 °	39.972280 °
				-121.989227 °	-121.989227 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39839 DS_ID:24686 EP_NO: N/A FS_HLM: 0.5 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 20-inch concrete irrigation pipe through the levee 2-feet below the crown. Concrete canal and distribution structure with slat boards on LS shoulder. FS Date: 10/02/2013					

Photo 2 of 3 : UCIP_FA_2015_1922.jpg



Concrete headwall at canal on LS shoulder.

LM Start	0.49	Rating **	M	Issue No.	280 (cont)
LM End	0.49	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_1923.jpg



Concrete canal/distribution box on LS shoulder.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.52	Rating **	M	Issue No.	21
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.969419 °	39.969419 °	
			-122.007850 °	-122.007850 °	
DWR ID	DWR_NA0019_01_f_2013_21				
Action/Comments					
Repair the levee slope damaged by livestock and prevent large animal access.					

Photo 1 of 1 : FA_2015_NA0019_78_21_20150910_00013.jpg



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

LM Start	1.65	Rating **	M	Issue No.	277
LM End	1.65	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.968654 °	39.968654 °	
			-122.010207 °	-122.010207 °	
DWR ID	DWR_NA0019_01_s_2014_277				
Action/Comments					
Tree or limb					

Photo 1 of 1 : FA_2015_NA0019_78_277_20150910_00018.jpg



View of the trees limbs 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.67	Rating **	U	Issue No.	281
LM End	1.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21729 DS_ID:20770 EP_NO: N/A FS_HLM: 1.685 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate blocked by soil buildup. FIELD_STRUCT_DESC: 24-inch pipe through the levee 1.5-feet below the crown. Flap gate on the WS toe. Originally included in O+M manual (1957). As-built drawings available 50-4-2394. FS Date: 10/02/2013					

Photo 1 of 3 : UCIP_FA_2015_0734.jpg



Outlet on WS toe.

LM Start	1.67	Rating **	U	Issue No.	281 (cont)
LM End	1.67	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0735.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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.67	Rating **	U	Issue No.	281 (cont)
LM End	1.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21729 DS_ID:20770 EP_NO: N/A FS_HLM: 1.685 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0736.jpg



Flapgate on WS toe.

LM Start	1.87	Rating **	M	Issue No.	282
LM End	1.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969156 °	39.969156 °
				-122.013809 °	-122.013809 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39837 DS_ID:24690 EP_NO: N/A FS_HLM: 1.891 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel conduit through the levee at an unknown depth. Junction box off LS toe next to JP and roadway. Conduit visible on upstream side of bridge at Deer Creek crossing. FS Date: 10/02/2013					

Photo 1 of 3 : UCIP_FA_2015_1924.jpg



Conduit visible on WS slope and at upstream side of bridge.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.87	Rating **	M	Issue No.	282 (cont)
LM End	1.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969156 °	39.969156 °
				-122.013809 °	-122.013809 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39837 DS_ID:24690 EP_NO: N/A FS_HLM: 1.891 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel conduit through the levee at an unknown depth. Junction box off LS toe next to JP and roadway. Conduit visible on upstream side of bridge at Deer Creek crossing. FS Date: 10/02/2013					

Photo 2 of 3 : UCIP_FA_2015_1925.jpg



Communication box on WS shoulder.

LM Start	1.87	Rating **	M	Issue No.	282 (cont)
LM End	1.87	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_1926.jpg



Communication box off LS shoulder next to roadway.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.89	Rating **	U	Issue No.	283
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21730 DS_ID:20769 EP_NO: N/A FS_HLM: 1.903 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_0737.jpg



Concrete control structure on LS toe.

LM Start	1.89	Rating **	U	Issue No.	283 (cont)
LM End	1.89	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_0738.jpg



Outlet on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.89	Rating **	U	Issue No.	283 (cont)
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21730 DS_ID:20769 EP_NO: N/A FS_HLM: 1.903 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0739.jpg



Pipe on WS toe with flapgate hinges.

LM Start	2.03	Rating **	M	Issue No.	2
LM End	2.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.968387 °	39.966968 °
				-122.016387 °	-122.019372 °
DWR ID	DWR_NA0019_01_s_2012_2				
Action/Comments					
Ditch					

Photo 1 of 1 : FA_2015_NA0019_78_2_20150910_00001.jpg



Remove agricultural ditch from toe of levee.

LM Start	2.29	Rating **	M	Issue No.	3
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.967015 °	°
				-122.020781 °	°
DWR ID	DWR_NA0019_01_f_2012_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : FA_2015_NA0019_78_3_20150910_00002.jpg



View of the vegetation 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.47	Rating **	M	Issue No.	7
LM End	2.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.967016 °	39.966455 °
				-122.024068 °	-122.025531 °
DWR ID	DWR_NA0019_01_s_2012_7				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	2.57	Rating **	M	Issue No.	284
LM End	2.57	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22823 DS_ID:20877 EP_NO: N/A FS_HLM: 2.593 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Headwall covered with soil. Needs to be cleared at both ends. FIELD_STRUCT_DESC: 24-inch Corrugated mtl 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: 10/02/2013					

Photo 1 of 1 : UCIP_FA_2015_2099.jpg



Concrete headwall on LS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.70	Rating **	M	Issue No.	8
LM End	2.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.965434 °	39.965180 °	
			-122.027776 °	-122.028331 °	
DWR ID	DWR_NA0019_01_s_2012_8				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_NA0019_78_8_20150910_00003.jpg



Erosion on crown and both slopes.

LM Start	2.71	Rating **	A	Issue No.	40
LM End	2.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.965367 °	39.965367 °	
			-122.027955 °	-122.027955 °	
DWR ID	DWR_NA0019_01_f_2015_40				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Tehama Co. sprayed both slopes to remove all vegetation.					

Photo 1 of 1 : FA_2015_NA0019_78_40_20151012_00029.jpg



View of the no vegetation on both slopes.

LM Start	2.78	Rating **	M	Issue No.	39
LM End	2.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.964772 °	39.964772 °	
			-122.029023 °	-122.029023 °	
DWR ID	DWR_NA0019_01_s_2015_39				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Monitor the erosion during high water.					

Photo 1 of 1 : FA_2015_NA0019_78_39_20150910_00015.jpg



View of the erosion along the waterside toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.86	Rating **	M	Issue No.	285
LM End	2.86	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22824 DS_ID:20767 EP_NO: N/A FS_HLM: 2.882 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe blocked by soil. FIELD_STRUCT_DESC: 24-inch pipe through the levee 6-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: 10/02/2013					

Photo 1 of 2 : UCIP_FA_2015_0677.jpg



Flapgate blocked by soil and debris.

LM Start	2.86	Rating **	M	Issue No.	285 (cont)
LM End	2.86	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_2100.jpg



Flapgate blocked by soil and debris.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

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				
Action/Comments					
Equipment Inspector Comments: Remove the a scrap equipment along the waterside toe.					

Photo 1 of 1 : FA_2015_NA0019_78_37_20151012_00028.jpg



View of the scrap equipment along the waterside toe.

LM Start	3.29	Rating **	M	Issue No.	286
LM End	3.29	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.947484 °	39.947484 °	
			-122.049011 °	-122.049011 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22825 DS_ID:20766 EP_NO: N/A FS_HLM: 3.309 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 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: 10/02/2013					

Photo 1 of 2 : UCIP_FA_2015_0678.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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.29	Rating **	M	Issue No.	286 (cont)
LM End	3.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22825 DS_ID:20766 EP_NO: N/A FS_HLM: 3.309 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 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: 10/02/2013					

Photo 2 of 2 : UCIP_FA_2015_0679.jpg



Low spot with water on LS toe.

LM Start	3.59	Rating **	M	Issue No.	287
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23007 DS_ID:24687 EP_NO: N/A FS_HLM: 3.604 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 48-inch corrugated metal drainpipe through the levee, 6-feet below the crown. Flap gate on the waterward end. FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_1927.jpg



Flapgate visible on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.59	Rating **	M	Issue No.	287 (cont)
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23007 DS_ID:24687 EP_NO: N/A FS_HLM: 3.604 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 48-inch corrugated metal drainpipe through the levee, 6-feet below the crown. Flap gate on the waterward end. FS Date: 10/03/2013					

Photo 2 of 3 : UCIP_FA_2015_1928.jpg



Pipe visible on LS toe.

LM Start	3.59	Rating **	M	Issue No.	287 (cont)
LM End	3.59	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_1929.jpg



Pipe visible on LS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.60	Rating **	M	Issue No.	288
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945952 °	39.945952 °
				-122.054259 °	-122.054259 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39836 DS_ID:24688 EP_NO: N/A FS_HLM: 3.606 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_1930.jpg



Flapgate visible on WS toe covered in brush.

LM Start	3.60	Rating **	M	Issue No.	288 (cont)
LM End	3.60	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1931.jpg



Pipe visible on LS toe.

LM Start	3.60	Rating **	M	Issue No.	288 (cont)
LM End	3.60	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_1932.jpg



Pipe visible on LS toe.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.60	Rating **	U	Issue No.	289
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41126 DS_ID:24689 EP_NO: N/A FS_HLM: 3.609 Repair Type: Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_1933.jpg



Flapgate visible on WS toe.

LM Start	3.60	Rating **	U	Issue No.	289 (cont)
LM End	3.60	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_1934.jpg



Flapgate visible on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.60	Rating **	U	Issue No.	289 (cont)
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41126 DS_ID:24689 EP_NO: N/A FS_HLM: 3.609 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2022.jpg



Pipe visible at headwall on LS toe.

LM Start	3.66	Rating **	M	Issue No.	9
LM End	3.66	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.945249 °	39.945249 °
				-122.053720 °	-122.053720 °
DWR ID	DWR_NA0019_01_s_2012_9				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_NA0019_78_9_20150910_00004.jpg



View of the non-permitted gate on the crown of the levee.

LM Start	3.68	Rating **	M	Issue No.	15
LM End	3.68	Issue Type +	Ma	Location *	WS
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				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA_2015_NA0019_78_15_20150910_00007.jpg



View of the erosion caused by livestock 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.74	Rating **	M	Issue No.	290
LM End	3.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944460 °	39.944460 °
				-122.053930 °	-122.053930 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23094 DS_ID:20763 EP_NO: N/A FS_HLM: 3.748 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion on WS toe. FIELD_STRUCT_DESC: 12-inch concrete stormdrain pipe, through the levee, 2-feet below the crown. FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_2206.jpg



Concrete pipe at outlet on WS toe.

LM Start	3.74	Rating **	M	Issue No.	290 (cont)
LM End	3.74	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2207.jpg



Concrete pipe at outlet on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.74	Rating **	M	Issue No.	290 (cont)
LM End	3.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944460 °	39.944460 °
				-122.053930 °	-122.053930 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23094 DS_ID:20763 EP_NO: N/A FS_HLM: 3.748 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2208.jpg



Concrete pipe at inlet on LS toe.

LM Start	3.74	Rating **	M	Issue No.	16
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944456 °	39.944456 °
				-122.053932 °	-122.053932 °
DWR ID	DWR_NA0019_01_f_2012_16				
Action/Comments					
Ditch					

Photo 1 of 1 : FA_2015_NA0019_78_16_20150910_00008.jpg



View of the ditch along the waterside toe.

LM Start	3.75	Rating **	M	Issue No.	11
LM End	3.75	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944455 °	39.944455 °
				-122.053949 °	-122.053949 °
DWR ID	DWR_NA0019_01_s_2012_11				
Action/Comments					
Pipe Inspector Comments: No flapgate on pipe.					

Photo 1 of 1 : FA_2015_NA0019_78_11_20150910_00006.jpg



No flap gate on 18 inch pipe going through the levee.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.75	Rating **	M	Issue No.	10
LM End	3.75	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944432 °	39.944432 °
				-122.054029 °	-122.054029 °
DWR ID	DWR_NA0019_01_s_2012_10				
Action/Comments					
Fence					

Photo 1 of 1 : FA_2015_NA0019_78_10_20150910_00005.jpg



View of the non-permitted gate on the crown roadway.

LM Start	3.75	Rating **	M	Issue No.	291
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944426 °	39.944426 °
				-122.054045 °	-122.054045 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23092 DS_ID:24691 EP_NO: N/A FS_HLM: 3.754 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet substantially blocked at WS toe. No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch concrete irrigation pipe through the levee 2.0-feet below the crown. Slide gate at terminal end of concrete channel on LS shoulder. FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_2203.jpg



Pipe outlet on WS toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.75	Rating **	M	Issue No.	291 (cont)
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944426 °	39.944426 °
				-122.054045 °	-122.054045 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23092 DS_ID:24691 EP_NO: N/A FS_HLM: 3.754 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Outlet substantially blocked at WS toe. No permit identified for this crossing. FIELD_STRUCT_DESC: 10-inch concrete irrigation pipe through the levee 2.0-feet below the crown. Slide gate at terminal end of concrete channel on LS shoulder. FS Date: 10/03/2013					

Photo 2 of 3 : UCIP_FA_2015_2204.jpg



Pipe outlet on WS toe.

LM Start	3.75	Rating **	M	Issue No.	291 (cont)
LM End	3.75	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_2205.jpg



Slide panel at inlet on LS shoulder.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.80	Rating **	M	Issue No.	5
LM End	3.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944135 °	39.944135 °
				-122.054788 °	-122.054788 °
DWR ID	DWR_NA0019_01_s_2012_5				
Action/Comments					
Prunings					

No Photos

LM Start	4.10	Rating **	U	Issue No.	292
LM End	4.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.941002 °	39.941002 °
				-122.058711 °	-122.058711 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21743 DS_ID:20762 EP_NO: N/A FS_HLM: 4.098 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gate missing from WS toe. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 5.5-feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394. FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_2422.jpg



Flap gate missing from pipe at WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	09/24/2015 09/24/2015	Bob Duffey

LM Start	4.10	Rating **	U	Issue No.	292 (cont)
LM End	4.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.941002 °	39.941002 °
				-122.058711 °	-122.058711 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21743 DS_ID:20762 EP_NO: N/A FS_HLM: 4.098 Repair Type: Urgent Crossing Status: Found UCIP Comments: Gate missing from WS toe. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 5.5-feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394. FS Date: 10/03/2013					

Photo 2 of 3 : UCIP_FA_2015_2423.jpg



Concrete headwall at inlet on LS toe.

LM Start	4.10	Rating **	U	Issue No.	292 (cont)
LM End	4.10	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_2424.jpg



Inlet on LS toe.

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

Unit Cover Sheet

Fall 2015 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	04/16/2015 - 04/16/2015		09/24/2015 - 09/24/2015	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Brandon Konicke Tehama County		Brandon Konicke Tehama County	
	Ryan Tuebert		Ryan Tuebert	

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start		Rating **	A/W	Issue No.	12
LM End		Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			°	°
				°	°
DWR ID	DWR_NA0019_02_s_2015_12				
Action/Comments					
Material Inspector Comments: Remainder of Unit No. 2 levee is not accessible due to the lack of easement and the landowner will not allow DWR access.					

No Photos

LM Start	0.30	Rating **	M	Issue No.	2
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970305 °	39.970305 °
				-122.014465 °	-122.014465 °
DWR ID	DWR_NA0019_02_s_2012_2				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_NA0019_79_2_20150910_00001.jpg



View of debris & wire at toe of levee.

LM Start	0.31	Rating **	M	Issue No.	13
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40789 DS_ID:24683 EP_NO: N/A FS_HLM: 0.314 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit through the levee at an unknown depth. Pipe visible on upstream side of bridge. FS Date: 10/02/2013					

Photo 1 of 3 : UCIP_FA_2015_1915.jpg



Communication line conduit visible on upstream side of bridge at WS.

* 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	13 (cont)
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40789 DS_ID:24683 EP_NO: N/A FS_HLM: 0.314 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit through the levee at an unknown depth. Pipe visible on upstream side of bridge. FS Date: 10/02/2013					

Photo 2 of 3 : UCIP_FA_2015_1916.jpg



Communication line access box on WS shoulder.

LM Start	0.31	Rating **	M	Issue No.	13 (cont)
LM End	0.31	Issue Type +	En	Location *	LS

Photo 3 of 3 : UCIP_FA_2015_1917.jpg



Communication line access box on WS shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.34	Rating **	M	Issue No.	4
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.970210 °	39.970210 °	
			-122.015198 °	-122.015198 °	
DWR ID	DWR_NA0019_02_s_2012_4				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_NA0019_79_4_20150910_00003.jpg



View of the concrete pile along the W/S toe.

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				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_NA0019_79_7_20150910_00005.jpg



View of building at toe 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.68	Rating **	U	Issue No.	14
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID					

Action/Comments
 Inspector Comments: FS_ID:41123
 DS_ID:20771
 EP_NO: N/A
 FS_HLM: 0.695
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: Debris blocking proper function of flapgate on WS toe.
 FIELD_STRUCT_DESC: 24-inch pipe through the levee, 8.3 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawing 50-4-2394.
 FS Date: 10/01/2013

LM Start	0.68	Rating **	U	Issue No.	14 (cont)
LM End	0.68	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_0731.jpg



Outlet on WS toe.

Photo 2 of 3 : UCIP_FA_2015_0732.jpg



Concrete headwall at LS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.68	Rating **	U	Issue No.	14 (cont)
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41123 DS_ID:20771 EP_NO: N/A FS_HLM: 0.695 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_0733.jpg



Concrete headwall at LS toe.

LM Start	0.85	Rating **	A	Issue No.	11
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.968290 °	39.968290 °
				-122.023860 °	-122.023860 °
DWR ID	DWR_NA0019_02_f_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Tehama Co. sprayed both slopes to remove the vegetation.					

Photo 1 of 1 : FA_2015_NA0019_79_11_20151012_00007.jpg



View of no Vegetation on both slopes.

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	2015 USACE Erosion Survey, DRAFT			39.968165 °	39.967766 °
				-122.023828 °	-122.024620 °
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: DEC_0-9_R]					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.28	Rating **	M	Issue No.	6
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.964883 °	39.964883 °	
			-122.030655 °	-122.030655 °	
DWR ID	DWR_NA0019_02_s_2012_6				
Action/Comments					
Firewood					

Photo 1 of 1 : FA_2015_NA0019_79_6_20150910_00004.jpg



Remove all firewood from the waterside slope.

LM Start	1.37	Rating **	M	Issue No.	3
LM End	1.37	Issue Type +	En	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.963997 °	39.963997 °	
			-122.032030 °	-122.032030 °	
DWR ID	DWR_NA0019_02_f_2013_3				
Action/Comments					
Debris					

Photo 1 of 1 : FA_2015_NA0019_79_3_20150910_00002.jpg



View of the debris 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**

Unit Cover Sheet

Fall 2015 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)			U	
Date of Inspection	04/16/2015 - 04/16/2015		09/24/2015 - 09/24/2015	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Ryan Teubert		Ryan Teubert	

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.64	Rating **	U	Issue No.	917
LM End	0.64	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051702 °	40.051702 °
				-122.177308 °	-122.177308 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41125 DS_ID:20880 EP_NO: N/A FS_HLM: 0.651 Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate operation hindered by soil and vegetation on WS toe. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drain pipe through levee, 8.6 feet below crown. Flap gate and concrete "U" headwall on waterward end. Concrete "U" headwall on landward end. Originally included in USACE O+M manual (1963). As-built drawing No. 50-4-3622. FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_1880.jpg



Concrete U-shaped headwall and flapgate on WS toe.

LM Start	0.64	Rating **	U	Issue No.	917 (cont)
LM End	0.64	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_1881.jpg



Concrete U-shaped headwall on WS toe.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.64	Rating **	U	Issue No.	917 (cont)
LM End	0.64	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051702 °	40.051702 °
				-122.177308 °	-122.177308 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41125 DS_ID:20880 EP_NO: N/A FS_HLM: 0.651 Repair Type: Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1882.jpg



Concrete U-shaped headwall on LS toe.

LM Start	1.39	Rating **	M	Issue No.	16
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051493 °	40.051493 °
				-122.164935 °	-122.164935 °
DWR ID	DWR_NA0019_04_f_2014_16				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_NA0019_81_16_20150910_00009.jpg



View of the vehicle erosion along the waterside slope.

LM Start	1.43	Rating **	M	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			40.051596 °	40.051979 °
				-122.164179 °	-122.163106 °
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: ELC_1-4_L]					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	1.59	Rating **	M	Issue No.	3
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.052607 °	40.053558 °	
			-122.161418 °	-122.159903 °	
DWR ID	DWR_04_s_2012_3				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Tehama Co. repaired the slope that was damaged by vehicle traffic, but the damage has returned.					

Photo 1 of 1 : FA_2015_NA0019_81_3_20150910_00003.jpg



View of the levee slope damaged by vehicle traffic.

LM Start	2.23	Rating **	M	Issue No.	918
LM End	2.23	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		40.052063 °	40.052063 °	
			-122.150450 °	-122.150450 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23051 DS_ID:24695 EP_NO: N/A FS_HLM: 2.252 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiber optic line through the levee at an unknown depth below the crown. Signage on LS visible. FS Date: 10/03/2013					

Photo 1 of 1 : UCIP_FA_2015_1674.jpg



Fiber optic line markers off LS shoulder.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.28	Rating **	M	Issue No.	919
LM End	2.28	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052379 °	40.052379 °
				-122.149534 °	-122.149534 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23045 DS_ID:24694 EP_NO: N/A FS_HLM: 2.333 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch gasline through the levee 3.5-feet below the crown. Pipe visible on upstream side of bridge. FS Date: 10/03/2013					

Photo 1 of 2 : UCIP_FA_2015_2061.jpg



Gasline on upstream side of bridge.

LM Start	2.28	Rating **	M	Issue No.	919 (cont)
LM End	2.28	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_2062.jpg



Gasline on upstream side of 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.63	Rating **	M	Issue No.	15 (cont)
LM End	2.63	Issue Type +	En	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				
Action/Comments					
Prunings Inspector Comments: Remove the prunings from the landside toe.					

Photo 2 of 2 : FA_2015_NA0019_81_15_20151012_00021.jpg



View of the prunings along the landside toe.

LM Start	2.63	Rating **	M	Issue No.	4
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.054352 °	40.054352 °
				-122.144245 °	-122.144245 °
DWR ID	DWR_NA0019_04_s_2012_4				
Action/Comments					
Debris					

No Photos

LM Start	2.69	Rating **	M	Issue No.	19
LM End	2.69	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.055020 °	40.055020 °
				-122.143562 °	-122.143562 °
DWR ID	DWR_NA0019_04_s_2015_19				
Action/Comments					
Debris Inspector Comments: Remove the debris from the waterside slope.					

Photo 1 of 1 : FA_2015_NA0019_81_19_20150910_00012.jpg



View of the debris 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.80	Rating **	M	Issue No.	916
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.055033 °	40.055595 °
				-122.141457 °	-122.141203 °
DWR ID	DWR_NA0019_04_s_2012_916				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	3.01	Rating **	M	Issue No.	17
LM End	3.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.056448 °	40.056448 °
				-122.139302 °	-122.139302 °
DWR ID	DWR_NA0019_04_f_2014_17				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_NA0019_81_17_20150910_00010.jpg



View of the prunings along the landside slope.

LM Start	3.01	Rating **	M	Issue No.	10
LM End	3.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.056388 °	40.056388 °
				-122.139168 °	-122.139168 °
DWR ID	DWR_NA0019_04_s_2012_10				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the waterside slope from vehicle erosion.					

Photo 1 of 1 : FA_2015_NA0019_81_10_20151012_00022.jpg



View of the vehicle erosion along the waterside slope.

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

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	09/24/2015 09/24/2015	Bob Duffey

LM Start	3.13	Rating **	M	Issue No.	1
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		40.057285 °	40.057285 °	
			-122.137732 °	-122.137732 °	
DWR ID	DWR_NA0019_04_s_2012_1				
Action/Comments					
Stairway Inspector Comments: Remove the stairs from the landside slope.					

Photo 1 of 1 : FA_2015_NA0019_81_1_20150910_00001.jpg



View of the concrete stairways on the slope.

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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the landside slope from vehicle erosion.					

Photo 1 of 1 : FA_2015_NA0019_81_25_20151012_00023.jpg



View of the vehicle erosion along the landside slope.

LM Start	3.31	Rating **	M	Issue No.	6
LM End	3.31	Issue Type +	Ma	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				
Action/Comments					
Garbage					

Photo 1 of 1 : FA_2015_NA0019_81_6_20150910_00004.jpg



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

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

Unit Cover Sheet

Fall 2015 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	04/16/2015 - 04/16/2015		09/24/2015 - 09/24/2015	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Brandon Konicke Tehama County		Brandon Konicke Tehama County	
	Ryan Teubert		Ryan Teubert	

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.50	Rating **	M	Issue No.	17
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41124 DS_ID:20801 EP_NO: N/A FS_HLM: 0.509 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris inside pipe at WS toe needs to be removed as it may prevent proper operation of the flapgate. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 5.2 feet below the crown. Flap gate on waterward end. Concrete "U" headwalls on the waterward and landward ends. Originally included in USACE O+M Manual (1963). As-built drawing 50-4-3622 FS Date: 10/03/2013					

Photo 1 of 3 : UCIP_FA_2015_2425.jpg



Concrete headwall at LS toe.

LM Start	0.50	Rating **	M	Issue No.	17 (cont)
LM End	0.50	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2426.jpg



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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

LM Start	0.50	Rating **	M	Issue No.	17 (cont)
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41124 DS_ID:20801 EP_NO: N/A FS_HLM: 0.509 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2505.jpg



Concrete headwall on WS toe.

LM Start	0.80	Rating **	M	Issue No.	16
LM End	0.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.050688 °	40.050688 °
				-122.177458 °	-122.177458 °
DWR ID	DWR_NA0019_05_f_2014_16				
Action/Comments					
Prunings Inspector Comments: Remove the chip prunings from the landside toe.					

Photo 1 of 2 : FA_2015_NA0019_82_16_20150910_00005.jpg



View of the prunings along the landside slope.

LM Start	0.80	Rating **	M	Issue No.	16 (cont)
LM End	0.80	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2015_NA0019_82_16_20151012_00009.jpg



View of the Chip prunings 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.41	Rating **	M	Issue No.	18
LM End	2.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051336 °	40.051336 °
				-122.149991 °	-122.149991 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23052 DS_ID:24692 EP_NO: N/A FS_HLM: 2.47 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Underground fiber optic line through the levee at an unknown depth. Sign markers on LS shoulder. FS Date: 10/03/2013					

Photo 1 of 2 : UCIP_FA_2015_1675.jpg



Fiber optic line markers on LS shoulder.

LM Start	2.41	Rating **	M	Issue No.	18 (cont)
LM End	2.41	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2015_1676.jpg



Fiber optic line markers 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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

LM Start	2.47	Rating **	M	Issue No.	19
LM End	2.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051667 °	40.051667 °
				-122.149033 °	-122.149033 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23044 DS_ID:24693 EP_NO: N/A FS_HLM: 2.527 Repair Type: Non-Urgent Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_2058.jpg



Gasline on upstream side of bridge.

LM Start	2.47	Rating **	M	Issue No.	19 (cont)
LM End	2.47	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2059.jpg



Gasline on upstream side of bridge.

LM Start	2.47	Rating **	M	Issue No.	19 (cont)
LM End	2.47	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_FA_2015_2060.jpg



Gasline on upstream side of bridge.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

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				
Action/Comments					
Landscaping					

Photo 1 of 1 : FA_2015_NA0019_82_2_20150910_00001.jpg



View of the landscaping along the slope.

LM Start	3.01	Rating **	M	Issue No.	1
LM End	3.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			40.054730 °	40.054970 °
				-122.140578 °	-122.140238 °
DWR ID					
Action/Comments					
Inspector Comments: 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. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: ELC_3-0_R]					

No Photos

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

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 2015

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	09/24/2015 09/24/2015	Bob Duffey

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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	3.38	Rating **	M	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_2012_7				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA_2015_NA0019_82_7_20150910_00002.jpg



View of the erosion along the L/S 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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