

**Flood Control Project Maintenance  
Levee Inspections**

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start		Rating **	A	Issue No.	<b>12</b>
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.	<b>13</b>
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.	<b>14</b>
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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.41</b>	Rating **	C	Issue No.	<b>18</b>
LM End	<b>0.41</b>	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					

No Photos

LM Start	<b>0.46</b>	Rating **	C	Issue No.	<b>19</b>
LM End	<b>0.46</b>	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					

No Photos

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>0.89</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.971005 °	39.971005 °
				-121.996351 °	-121.996351 °
DWR ID	DWR_NA0019_01_s_2019_30				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees four inches in diameter or less at chest height should be removed from the landside slope.					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_30\_20200226\_00007.jpg



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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+</b> Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.55</b>	Rating **	A/W	Issue No.	<b>49</b>
LM End	<b>1.58</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		39.969193 °	39.969052 °	
			-122.008458 °	-122.008920 °	
DWR ID	LMA-500				
Comment Code					
Inspector Comment					
Planned For Repair. Significant erosion on the waterside slope, 8-10 foot vertical bank for approximately 100-150 feet Site ID No:585 Site Designation:LMA-500 Rating:Critical Field Date:9/6/2017					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_49\_20200416\_00072.jpg



View of erosion along waterside toe. Fall 2019.

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>284</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.968642 °	39.968642 °	
			-122.010494 °	-122.010494 °	
DWR ID	20770				
Comment Code					
Inspector Comment					
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\_SP\_2020\_54006\_79261.jpg



LS view of concrete headwall with wood panel blocking opening

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>284 (cont)</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID	20770				

Photo 2 of 3 : UCIP\_SP\_2020\_54006\_79262.jpg



Flap gate at WS toe

LM Start	<b>1.67</b>	Rating **	M	Issue No.	<b>284 (cont)</b>
LM End	<b>1.67</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54006\_79263.jpg



Sediment was cleared around flap gate

LM Start	<b>1.85</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>1.85</b>	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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.89</b>	Rating **	U	Issue No.	<b>286</b>
LM End	<b>1.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.969105 °	39.969105 °	
			-122.014028 °	-122.014028 °	
DWR ID	20769				
Comment Code					
Inspector Comment					
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\_SP\_2020\_54008\_79270.jpg



Overview of levee crown where pipe crosses

LM Start	<b>1.89</b>	Rating **	U	Issue No.	<b>286 (cont)</b>
LM End	<b>1.89</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54008\_79271.jpg



Partially silted pipe at WS toe missing flap gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.89</b>	Rating **	U	Issue No.	<b>286 (cont)</b>
LM End	<b>1.89</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID	20769				

Photo 3 of 3 : UCIP\_SP\_2020\_54008\_79268.jpg



Concrete outfall structure at LS toe and irrigation canal

LM Start	<b>1.94</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>1.94</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.969028 °	39.969028 °
				-122.015000 °	-122.015000 °
DWR ID	DWR_NA0019_01_s_2019_40				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside toe.					

No Photos

LM Start	<b>2.07</b>	Rating **	C	Issue No.	<b>47</b>
LM End	<b>2.07</b>	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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.07</b>	Rating **	C	Issue No.	<b>48</b>
LM End	<b>2.07</b>	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

LM Start	<b>2.55</b>	Rating **	A/W	Issue No.	<b>46</b>
LM End	<b>2.58</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.966661 °	39.966330 °
				-122.025369 °	-122.025850 °
DWR ID	LMA-23				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Site ID No:176 Site Designation:LMA-23  Problem area is not within the levee prism. The erosion exists near the crest.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>289</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID	20877				
Comment Code					
Inspector Comment					
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\_SP\_2020\_54011\_79272.jpg



Concrete headwall on LS toe

LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>289 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54011\_79273.jpg



Concrete headwall on LS toe: top of pipe visible

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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LM Start	<b>2.57</b>	Rating **	M	Issue No.	<b>289 (cont)</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID	20877				

Photo 3 of 3 : UCIP\_SP\_2020\_54011\_79274.jpg



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

LM Start	<b>2.76</b>	Rating **	M	Issue No.	<b>43</b>
LM End	<b>2.78</b>	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					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Significant erosion at the waterside toe. Site ID No:271 Site Designation:LMA-72					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_43\_20200416\_00073.jpg



View of erosion along the waterside toe. Spring 2020.

LM Start	<b>2.79</b>	Rating **	M	Issue No.	<b>52</b>
LM End	<b>2.79</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.964619 °	39.964619 °
				-122.029234 °	-122.029234 °
DWR ID	DWR_NA0019_01_s_2020_52				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_52\_20200416\_00074.jpg



View of tree limbs along the waterside toe. Spring 2020.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.86</b>	Rating **	M	Issue No.	<b>290 (cont)</b>
LM End	<b>2.86</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID	20767				

Photo 3 of 3 : UCIP\_SP\_2020\_54012\_79278.jpg



Pipe outlet with flap gate at WS toe

LM Start	<b>2.88</b>	Rating **	C	Issue No.	<b>20</b>
LM End	<b>2.88</b>	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					

No Photos

LM Start	<b>3.46</b>	Rating **	M	Issue No.	<b>34</b>
LM End	<b>3.46</b>	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

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.58</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>3.58</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.946051 °	39.946051 °
				-122.053985 °	-122.053985 °
DWR ID	DWR_NA0019_01_f_2016_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_35\_20200226\_00008.jpg



View of the vegetation along the landside slope and toe.

LM Start	<b>3.68</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>3.68</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.945045 °	39.945045 °
				-122.053469 °	-122.053469 °
DWR ID	DWR_NA0019_01_f_2012_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_15\_20200413\_00071.jpg



View of slope erosion caused by livestock along the landside slope. Spring 2020.

LM Start	<b>3.99</b>	Rating **	M	Issue No.	<b>44</b>
LM End	<b>3.99</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.941990 °	39.941990 °
				-122.057140 °	-122.057140 °
DWR ID	DWR_NA0019_01_f_2018_44				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree should be removed from the waterside slope.					

Photo 1 of 1 : SP\_2020\_NA0019\_78\_44\_20200226\_00014.jpg



View of the tree limb along the waterside slope.

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>301</b>
LM End	<b>4.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.941574 °	39.941574 °
				-122.057597 °	-122.057597 °
DWR ID	20760				
Comment Code					
Inspector Comment					
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\_SP\_2020\_54023\_79298.jpg



Headwall and pipe inlet at LS toe

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>301 (cont)</b>
LM End	<b>4.03</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54023\_79299.jpg



View of levee crown at the crossing

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>301 (cont)</b>
LM End	<b>4.03</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.941574 °	39.941574 °
				-122.057597 °	-122.057597 °
DWR ID	20760				

Photo 3 of 3 : UCIP\_SP\_2020\_54023\_79300.jpg



Pipe and flap gate at WS slope

LM Start	<b>4.11</b>	Rating **	U	Issue No.	<b>302</b>
LM End	<b>4.11</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.940933 °	39.940933 °
				-122.058894 °	-122.058894 °
DWR ID	20762				

Photo 1 of 3 : UCIP\_SP\_2020\_54024\_79304.jpg



Headwall and inlet at LS toe

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					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>4.11</b>	Rating **	<b>U</b>	Issue No.	<b>302 (cont)</b>
LM End	<b>4.11</b>	Issue Type +	<b>Ma</b>	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.940933 °	39.940933 °
				-122.058894 °	-122.058894 °
DWR ID	20762				

Photo 2 of 3 : UCIP\_SP\_2020\_54024\_79305.jpg



Inside view of pipe looking from LS

LM Start	<b>4.11</b>	Rating **	<b>U</b>	Issue No.	<b>302 (cont)</b>
LM End	<b>4.11</b>	Issue Type +	<b>Ma</b>	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54024\_79303.jpg



View of levee crown at the crossing

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.13</b>	Rating **	C	Issue No.	<b>5</b>
LM End	<b>0.13</b>	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	<b>0.23</b>	Rating **	C	Issue No.	<b>13</b>
LM End	<b>0.23</b>	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.					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.68</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.68</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID	20771				

Photo 3 of 3 : UCIP\_SP\_2020\_53997\_79238.jpg



Flapgate gap due to sediment buildup at the bottom of pipe

LM Start	<b>0.85</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.90</b>	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				

No Photos

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.

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/07/2020 04/07/2020	Makar Sokol

LM Start	1.17	Rating **	C	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					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.25</b>	Rating **	M	Issue No.	<b>917</b>
LM End	<b>0.25</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051604 °	40.051604 °
				-122.184431 °	-122.184431 °
DWR ID	20775				
Comment Code					
Inspector Comment					
DS_ID:20775 FS_ID:54114 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, 4.8 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, (HLM 0.26). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, referenced as Unit No.1 left bank of Elder Creek, (HLM 0.26) Drawing No. 50-4-3622]. FS Date: 5/28/2019 7:19:25 AM					

Photo 1 of 3 : UCIP\_SP\_2020\_54114\_79538.jpg



Top of Levee

LM Start	<b>0.25</b>	Rating **	M	Issue No.	<b>917 (cont)</b>
LM End	<b>0.25</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54114\_79539.jpg



Water-Side

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 3 of 3 : UCIP\_SP\_2020\_54114\_79540.jpg



Land-Side

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

Photo 1 of 3 : UCIP\_SP\_2020\_54115\_79545.jpg



Top of Levee

Comment Code					
Inspector Comment					
DS_ID:20776 FS_ID:54115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, 4.6 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, (HLM 0.33). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 0.39) Drawing No. 50-4-3622]. FS Date: 5/28/2019 9:41:55 AM					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54115\_79546.jpg



Water-Side

LM Start	<b>0.38</b>	Rating **	M	Issue No.	<b>918 (cont)</b>
LM End	<b>0.38</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54115\_79547.jpg



Land-Side

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>919</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		40.051211 °	40.051211 °	
			-122.179663 °	-122.179663 °	
DWR ID	20777				
Comment Code					
Inspector Comment					
DS_ID:20777 FS_ID:54116 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, 5.6 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, (HLM 0.64), (HLM 0.51). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 0.52) Drawing No. 50-4-3622]. FS Date: 5/28/2019 9:54:39 AM					

Photo 1 of 3 : UCIP\_SP\_2020\_54116\_79551.jpg



Top of Levee

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>919 (cont)</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54116\_79552.jpg



Land-Side

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 3 of 3 : UCIP\_SP\_2020\_54116\_79554.jpg



Water-Side

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

Photo 1 of 3 : UCIP\_SP\_2020\_54117\_79557.jpg



View of levee crown at crossing

Comment Code					
Inspector Comment					
DS_ID:20778 FS_ID:54117 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (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, (HLM 0.64). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 0.65) Drawing No. 50-4-3622]. FS Date: 5/28/2019 10:22:34 AM					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54117\_79558.jpg



View of LS

LM Start	<b>0.64</b>	Rating **	M	Issue No.	<b>920 (cont)</b>
LM End	<b>0.64</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54117\_79559.jpg



View of WS

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 3 of 3 : UCIP\_SP\_2020\_54118\_79566.jpg



View of WS

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

Photo 1 of 3 : UCIP\_SP\_2020\_54119\_79571.jpg



Top of Levee

**Comment Code**

**Inspector Comment**

DS\_ID:20779  
 FS\_ID:54119  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, (HLM 0.75). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 0.76) Drawing No. 50-4-3622].  
 FS Date: 5/28/2019 10:30:54 AM

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>923</b>
LM End	<b>0.91</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053401 °	40.053401 °
				-122.172848 °	-122.172848 °
DWR ID	20780				
Comment Code					
Inspector Comment					
DS_ID:20780 FS_ID:54120 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, (HLM 0.91). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 0.93) Drawing No. 50-4-3622]. FS Date: 5/28/2019 11:11:41 AM					

Photo 1 of 3 : UCIP\_SP\_2020\_54120\_79577.jpg



View of levee crown at the crossing

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>923 (cont)</b>
LM End	<b>0.91</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54120\_79578.jpg



Concrete U-shaped headwall on WS toe

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 3 of 3 : UCIP\_SP\_2020\_54120\_79579.jpg



Concrete U-shaped headwall at LS toe

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

Photo 1 of 3 : UCIP\_SP\_2020\_54121\_79582.jpg



View of WS with concrete U-shaped headwall and levee toe

**Comment Code**

**Inspector Comment**

DS\_ID:20790  
 FS\_ID:54121  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe.  
 (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, (HLM 1.07). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 1.10) Drawing No. 50-4-3622].  
 FS Date: 5/28/2019 11:19:17 AM

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54121\_79583.jpg



Concrete U-shaped headwall and flapgates on WS toe

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>924 (cont)</b>
LM End	<b>1.07</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54121\_79584.jpg



LS levee slope

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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	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: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (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, (HLM 1.09). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 1.12) Drawing No. 50-4-3622]. FS Date: 5/28/2019 11:34:16 AM					

Photo 1 of 3 : UCIP\_SP\_2020\_54123\_79589.jpg



View of levee crown at the crossing

LM Start	1.11	Rating **	M	Issue No.	925 (cont)
LM End	1.11	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54123\_79590.jpg



WS slope with concrete U-shaped headwall at the toe

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54124\_79597.jpg



Water-Side

LM Start	<b>1.30</b>	Rating **	M	Issue No.	<b>926 (cont)</b>
LM End	<b>1.30</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP\_SP\_2020\_54124\_79598.jpg



Land-Side

LM Start	<b>1.43</b>	Rating **	A/W	Issue No.	<b>49</b>
LM End	<b>1.49</b>	Issue Type +	Ma	Location *	WS
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					
Planned For Repair. Site ID No:179 Site Designation:DWR_NA0019_04_s_2012_9 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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.43</b>	Rating **	A/W	Issue No.	<b>5</b>
LM End	<b>1.49</b>	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	<b>1.56</b>	Rating **	M	Issue No.	<b>927</b>
LM End	<b>1.56</b>	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		40.052495 °	40.052495 °	
			-122.161921 °	-122.161921 °	
DWR ID	20783				
Comment Code					
Inspector Comment					
DS_ID:20783 FS_ID:54125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, (HLM 1.53). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 1.57) Drawing No. 50-4-3622]. FS Date: 5/28/2019 12:53:39 PM					

Photo 1 of 3 : UCIP\_SP\_2020\_54125\_79602.jpg



View of levee crown at the crossing

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54125\_79603.jpg



Water-Side

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

Photo 3 of 3 : UCIP\_SP\_2020\_54125\_79604.jpg



Land-Side

LM Start	<b>1.59</b>	Rating **	C	Issue No.	<b>3</b>
LM End	<b>1.59</b>	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					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>932</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053590 °	40.053590 °
				-122.159982 °	-122.159982 °
DWR ID	20786				
Comment Code					
Inspector Comment					
DS_ID:20786 FS_ID:54130 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, (HLM 1.66). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 1.70) Drawing No. 50-4-3622]. FS Date: 5/28/2019 2:18:51 PM					

Photo 1 of 3 : UCIP\_SP\_2020\_54130\_79635.jpg



View of levee crown at the crossing

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>932 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2020\_54130\_79636.jpg



View of LS

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>932 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053590 °	40.053590 °
				-122.159982 °	-122.159982 °
DWR ID	20786				

Photo 3 of 3 : UCIP\_SP\_2020\_54130\_79637.jpg



View of WS

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>933</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053601 °	40.053601 °
				-122.159966 °	-122.159966 °
DWR ID	20883				

Photo 1 of 3 : UCIP\_SP\_2020\_54131\_79641.jpg



View of levee crown at the crossing

Comment Code					
Inspector Comment					
DS_ID:20883 FS_ID:54131 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. 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, (HLM 1.66). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 1.70) Drawing No. 50-4-3622]. FS Date: 5/28/2019 2:24:53 PM					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>934 (cont)</b>
LM End	<b>1.69</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.053614 °	40.053614 °
				-122.159956 °	-122.159956 °
DWR ID	20884				

Photo 3 of 3 : UCIP\_SP\_2020\_54132\_79649.jpg



View of WS

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>935</b>
LM End	<b>1.99</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052731 °	40.052731 °
				-122.154695 °	-122.154695 °
DWR ID	20787				

Photo 1 of 3 : UCIP\_SP\_2020\_54133\_79654.jpg



View of levee crown at the crossing

Comment Code					
Inspector Comment					
DS_ID:20787 FS_ID:54133 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record updated from No Action Needed to Non-Urgent. No permit has been identified authorizing pipe. (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, (HLM 1.96). USACE Sacramento O&M Manual 510, March 1957 revised October 1964, (HLM 2.01) Drawing No. 50-4-3622]. FS Date: 5/28/2019 2:33:09 PM					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>936 (cont)</b>
LM End	<b>1.99</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.052729 °	40.052729 °
				-122.154673 °	-122.154673 °
DWR ID	20885				

Photo 3 of 3 : UCIP\_SP\_2020\_54134\_79662.jpg



View of LS

LM Start	<b>2.18</b>	Rating **	C	Issue No.	<b>66</b>
LM End	<b>2.18</b>	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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.21</b>	Rating **	M	Issue No.	<b>937 (cont)</b>
LM End	<b>2.21</b>	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			40.051985 °	40.051985 °
				-122.150737 °	-122.150737 °
DWR ID	20788				

Photo 3 of 3 : UCIP\_SP\_2020\_54135\_79669.jpg



View of LS

LM Start	<b>2.32</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>2.32</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052443 °	40.052443 °
				-122.148863 °	-122.148863 °
DWR ID	DWR_NA0019_04_f_2013_12				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_81\_12\_20200413\_00086.jpg



View of the damaged landside slope caused by vehicle traffic. Spring 2020.

LM Start	<b>2.35</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>2.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052450 °	40.052450 °
				-122.148352 °	-122.148352 °
DWR ID	DWR_NA0019_04_f_2016_30				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_81\_30\_20200226\_00011.jpg



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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.43</b>	Rating **	C	Issue No.	<b>20</b>
LM End	<b>2.43</b>	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					

No Photos

LM Start	<b>2.51</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>2.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052872 °	40.052872 °
				-122.145495 °	-122.145495 °
DWR ID	DWR_NA0019_04_s_2012_2				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_81\_2\_20200226\_00002.jpg



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

LM Start	<b>2.58</b>	Rating **	C	Issue No.	<b>32</b>
LM End	<b>2.58</b>	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					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>2.77</b>	Rating **	C	Issue No.	<b>4</b>
LM End	<b>2.77</b>	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	<b>2.83</b>	Rating **	C	Issue No.	<b>71</b>
LM End	<b>2.83</b>	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.					

No Photos

LM Start	<b>2.83</b>	Rating **	C	Issue No.	<b>916</b>
LM End	<b>2.86</b>	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					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.01</b>	Rating **	C	Issue No.	<b>10</b>
LM End	<b>3.01</b>	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					

No Photos

LM Start	<b>3.02</b>	Rating **	A/W	Issue No.	<b>33</b>
LM End	<b>3.02</b>	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	<b>3.04</b>	Rating **	C	Issue No.	<b>34</b>
LM End	<b>3.04</b>	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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.09</b>	Rating **	N	Issue No.	<b>36</b>
LM End	<b>3.09</b>	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	<b>3.13</b>	Rating **	M	Issue No.	<b>67</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.057332 °	40.057332 °	
			-122.137673 °	-122.137673 °	
DWR ID	DWR_NA0019_04_s_2019_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove cactus from the waterside slope.					

No Photos

LM Start	<b>3.13</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>3.13</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		40.057350 °	40.057350 °	
			-122.137667 °	-122.137667 °	
DWR ID	DWR_NA0019_04_f_2015_25				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_81\_25\_20200413\_00087.jpg



View of the damaged landside slope caused by vehicle traffic. Spring 2020.

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.29</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>3.29</b>	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	<b>3.31</b>	Rating **	M	Issue No.	<b>38</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.057590 °	40.057590 °	
			-122.134508 °	-122.134508 °	
DWR ID	DWR_NA0019_04_f_2016_38				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	<b>3.40</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>3.44</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.056546 °	40.055906 °	
			-122.133530 °	-122.133294 °	
DWR ID	DWR_NA0019_04_f_2016_39				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_81\_39\_20200226\_00013.jpg



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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.69</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>3.72</b>	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	<b>3.85</b>	Rating **	M	Issue No.	<b>68</b>
LM End	<b>3.85</b>	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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/07/2020 04/07/2020	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	DWR UCIP LMA Responsibility			40.051702 °	40.051702 °
				-122.189922 °	-122.189922 °
DWR ID	20799				

Photo 3 of 3 : UCIP\_SP\_2020\_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	DWR UCIP LMA Responsibility			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID	20801				

Photo 1 of 3 : UCIP\_SP\_2020\_54069\_79394.jpg



View of levee crown at the crossing

Comment Code					
Inspector Comment					
DS_ID:20801 FS_ID:54069 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 5/28/2019 Record remains Non-Urgent. No permit has been identified authorizing pipe. (O.Yakimov - DWR UCIP) 10/03/2013 Debris inside pipe at WS toe needs to be removed as it may prevent proper operation of the flapgate. (W. Wylie - DWR UCIP) 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, (HLM 0.51). USACE Sacramento O&M Manual 510, April 1963, (HLM 0.51) Drawing No. 50-4-3622]. FS Date: 5/28/2019					

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/07/2020 04/07/2020	Makar Sokol

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

Photo 2 of 3 : UCIP\_SP\_2020\_54069\_79395.jpg



Headwall at WS toe

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

Photo 3 of 3 : UCIP\_SP\_2020\_54069\_79396.jpg



Flap gate at WS toe

LM Start	<b>1.28</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>1.28</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051330 °	40.051330 °
				-122.169817 °	-122.169817 °
DWR ID	DWR_NA0019_05_s_2020_12				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP\_2020\_NA0019\_82\_12\_20200413\_00021.jpg



View of the landside slope instability due to vehicle traffic. Spring 2020.

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.01</b>	Rating **	A/W	Issue No.	<b>1</b>
LM End	<b>3.03</b>	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

LM Start	<b>3.12</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>3.12</b>	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

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.34</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>3.40</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		40.056849 °	40.056557 °	
			-122.135537 °	-122.134669 °	
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	<b>3.35</b>	Rating **	C	Issue No.	<b>10</b>
LM End	<b>3.35</b>	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.					

No Photos

LM Start	<b>3.38</b>	Rating **	C	Issue No.	<b>7</b>
LM End	<b>3.38</b>	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					

No Photos

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

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

**Tehama County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/07/2020 04/07/2020	Makar Sokol

LM Start	<b>3.69</b>	Rating **	C	Issue No.	<b>19</b>
LM End	<b>3.69</b>	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					

No Photos

LM Start	<b>3.76</b>	Rating **	C	Issue No.	<b>18</b>
LM End	<b>3.76</b>	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					

No Photos

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