

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_NA0003_01_s_2013_6				
Comment Code					
Inspector Comment					
LMA has flood fight supplies & equipment.					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_NA0003_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2016.					

No Photos

LM Start		Rating **	A	Issue No.	58
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_NA0003_01_f_2017_58				
Comment Code					
Inspector Comment					
The LMA has O&M Manuals.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.25	Rating **	A/W	Issue No.	64 (cont)
LM End	0.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.729219 °	39.729219 °
				-121.933437 °	-121.933437 °
DWR ID	19209				

Photo 3 of 3 : UCIP_SP_2020_29705_54922.jpg



LS view: inside view of CMP on levee slope. Looks clean and clear.

LM Start	1.00	Rating **	M	Issue No.	65
LM End	1.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.739268 °	39.739268 °
				-121.931891 °	-121.931891 °
DWR ID	19211				

Photo 1 of 3 : UCIP_SP_2020_32044_58543.jpg



WS view: U typed concrete headwall, pipe, and flapgate on levee slope.

Comment Code					
Inspector Comment					
DS_ID:19211 FS_ID:32044 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation debris on waterside. Needs clearing and cleaning. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.03)]. FS Date: 2/20/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.00	Rating **	M	Issue No.	65 (cont)
LM End	1.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.739268 °	39.739268 °
				-121.931891 °	-121.931891 °
DWR ID	19211				

Photo 2 of 3 : UCIP_SP_2020_32044_58542.jpg



WS view: vegetation debris blocking outlet.

LM Start	1.00	Rating **	M	Issue No.	65 (cont)
LM End	1.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32044_58541.jpg



LS view: U typed concrete headwall and CMP on levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.90	Rating **	A/W	Issue No.	66
LM End	1.90	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.747563 °	39.747563 °	
			-121.920170 °	-121.920170 °	
DWR ID	19212				
Comment Code					
Inspector Comment					
DS_ID:19212 FS_ID:50142 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 08/29/2016: Shawn Bates of NA0003 has cleared the LS and WS of debris and blockage; WS gate functions properly now. Crossing has been downgraded from Urgent to No Action Needed. (K. Fazel - UCIP)08/11/2016: Same as last inspection. (K. Fazel - UCIP)02/20/2014:No riprap spillway on waterside. Needs cleaning and clearing of debris. Flap gate was not fully closed. (P. Amatya - UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.95)]. FS Date: 8/11/2016					

Photo 1 of 3 : UCIP_SP_2020_50142_55886.jpg



WS view: U type concrete headwall, flapgate on levee slope. Gate was not fully closed.

LM Start	1.90	Rating **	A/W	Issue No.	66 (cont)
LM End	1.90	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_50142_55885.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris blocking inlet.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.90	Rating **	A/W	Issue No.	66 (cont)
LM End	1.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.747563 °	39.747563 °
				-121.920170 °	-121.920170 °
DWR ID	19212				

Photo 3 of 3 : UCIP_SP_2020_50142_55884.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	2.38	Rating **	M	Issue No.	19
LM End	2.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.753041 °	39.753041 °
				-121.915566 °	-121.915566 °
DWR ID	DWR_NA0003_01_f_2019_19				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	2.49	Rating **	M	Issue No.	20
LM End	2.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.754431 °	39.754431 °
				-121.914770 °	-121.914770 °
DWR ID	DWR_NA0003_01_f_2019_20				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	2.57	Rating **	M	Issue No.	21
LM End	2.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.755692 °	39.755692 °
				-121.914873 °	-121.914873 °
DWR ID	DWR_NA0003_01_f_2019_21				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	3.01	Rating **	C	Issue No.	52
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.760888 °	39.760888 °
				-121.911309 °	-121.911309 °
DWR ID	DWR_NA0003_01_s_2019_52				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
The almond tree should be removed from the landside shoulder.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	3.18	Rating **	M	Issue No.	69
LM End	3.18	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.763067 °	39.763067 °	
			-121.909608 °	-121.909608 °	
DWR ID	19217				
Comment Code					
Inspector Comment					
DS_ID:19217 FS_ID:30295 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: It needs cleaning and clearing in inlet and outlet ends. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 3.27)]. FS Date: 2/20/2014					

LM Start	3.18	Rating **	M	Issue No.	69 (cont)
LM End	3.18	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2020_30295_55706.jpg



WS view: U type concrete headwall, flapgate on levee slope. Vegetation debris blocking the outlet.

Photo 2 of 2 : UCIP_SP_2020_30295_55705.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris blocking the inlet.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	3.39	Rating **	M	Issue No.	70 (cont)
LM End	3.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.765440 °	39.765440 °
				-121.907261 °	-121.907261 °
DWR ID	19218				

Photo 3 of 3 : UCIP_SP_2020_30310_55739.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.97	Rating **	M	Issue No.	71
LM End	3.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.771293 °	39.771293 °
				-121.900247 °	-121.900247 °
DWR ID	19219				

Photo 1 of 2 : UCIP_SP_2020_30311_55743.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Vegetation debris blocking outlet.

Comment Code					
Inspector Comment					
DS_ID:19219 FS_ID:30311 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris in both ends of the pipe. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 4.08)]. FS Date: 2/20/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	3.97	Rating **	M	Issue No.	71 (cont)
LM End	3.97	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.771293 °	39.771293 °
				-121.900247 °	-121.900247 °
DWR ID	19219				

Photo 2 of 2 : UCIP_SP_2020_30311_55742.jpg



LS view: U type concrete headwall and CMP on levee slope.

LM Start	4.26	Rating **	A/W	Issue No.	5
LM End	4.32	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.773257 °	39.773969 °
				-121.895618 °	-121.895078 °
DWR ID	DWR_ST0010_02_f_2022_9				
Comment Code					
Inspector Comment					
2017 Site ID: MUD 4.4 R Status: Eroding 2017 Field Notes: Erosion scarps have increased since last inspection in 2011. Site History: 2011 - Two large erosion scallops at the toe from a rotational failure. Deep cracks along the slope indicate the potential for further failures.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	4.27	Rating **	M	Issue No.	50
LM End	4.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.773487 °	39.773487 °	
			-121.895716 °	-121.895716 °	
DWR ID	DWR_NA0003_01_s_2019_50				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The blackberry bushes should be removed from the landside toe.					

No Photos

LM Start	4.41	Rating **	M	Issue No.	60
LM End	4.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.775201 °	39.775201 °	
			-121.894357 °	-121.894357 °	
DWR ID	DWR_NA0003_01_s_2019_60				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	4.45	Rating **	M	Issue No.	61
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.775710 °	39.775710 °	
			-121.894060 °	-121.894060 °	
DWR ID	DWR_NA0003_01_s_2019_61				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	4.46	Rating **	M	Issue No.	72
LM End	4.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.775905 °	39.775905 °
				-121.893980 °	-121.893980 °
DWR ID	19220				
Comment Code					
Inspector Comment					
DS_ID:19220 FS_ID:30312 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 4.58)]. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2020_30312_55745.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Vegetation debris blocking outlet.

LM Start	4.46	Rating **	M	Issue No.	72 (cont)
LM End	4.46	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_30312_55744.jpg



LS view: U type concrete headwall and CMP on levee slope. Needs cleaning and clearing of 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/06/2020 04/06/2020	Makar Sokol

LM Start	5.09	Rating **	A/W	Issue No.	75 (cont)
LM End	5.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.783636 °	39.783636 °
				-121.888463 °	-121.888463 °
DWR ID	19222				

Photo 3 of 3 : UCIP_SP_2020_30327_55766.jpg



LS view: U type concrete headwall and CMP on levee slope.

LM Start	5.20	Rating **	M	Issue No.	55
LM End	5.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.784234 °	39.784234 °
				-121.886589 °	-121.886589 °
DWR ID	DWR_NA0003_01_f_2016_55				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_64_55_20200413_00050.jpg



View of the blackberry bushes along the landside toe. Spring 2020.

LM Start	5.65	Rating **	C	Issue No.	35
LM End	5.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.789093 °	39.789093 °
				-121.886500 °	-121.886500 °
DWR ID	DWR_NA0003_01_f_2019_35				
Comment Code					
PR : Prunings					
Inspector Comment					
The pile of prunings should be removed from the landside toe easement.					

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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.23	Rating **	M	Issue No.	47 (cont)
LM End	0.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.797416 °	39.797416 °
				-121.881675 °	-121.881675 °
DWR ID	19234				

Photo 3 of 3 : UCIP_SP_2020_31667_57966.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris on inlet box.

LM Start	0.30	Rating **	M	Issue No.	29
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.797134 °	39.797134 °
				-121.882829 °	-121.882829 °
DWR ID	DWR_NA0003_02_f_2016_29				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	0.38	Rating **	M	Issue No.	31
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.796062 °	39.796062 °
				-121.883440 °	-121.883440 °
DWR ID	DWR_NA0003_02_s_2019_31				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees smaller than 4-inches in diameter at chest height should be removed.					

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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.55	Rating **	M	Issue No.	28
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.794345 °	39.794345 °	
			-121.885423 °	-121.885423 °	
DWR ID	DWR_NA0003_02_s_2019_28				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.58	Rating **	M	Issue No.	27
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.793979 °	39.793979 °	
			-121.885781 °	-121.885781 °	
DWR ID	DWR_NA0003_02_s_2019_27				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees smaller than 4-inches in diameter at chest height should be removed.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	1.26	Rating **	M	Issue No.	48 (cont)
LM End	1.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.784062 °	39.784062 °
				-121.884344 °	-121.884344 °
DWR ID	19235				

Photo 3 of 3 : UCIP_SP_2020_30403_55920.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	1.46	Rating **	M	Issue No.	49
LM End	1.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.782980 °	39.782980 °
				-121.887834 °	-121.887834 °
DWR ID	19237				

Photo 1 of 2 : UCIP_SP_2020_30743_56641.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Debris in outlet box.

Comment Code					
Inspector Comment					
DS_ID:19237 FS_ID:30743 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.55)]. FS Date: 2/24/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	1.46	Rating **	M	Issue No.	49 (cont)
LM End	1.46	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.782980 °	39.782980 °
				-121.887834 °	-121.887834 °
DWR ID	19237				

Photo 2 of 2 : UCIP_SP_2020_30743_56640.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris and soil in inlet area.

LM Start	1.62	Rating **	N	Issue No.	32
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.781173 °	39.781173 °
				-121.889526 °	-121.889526 °
DWR ID	DWR_NA0003_02_f_2016_32				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	1.67	Rating **	M	Issue No.	4
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.780530 °	39.780530 °
				-121.889938 °	-121.889938 °
DWR ID	DWR_NA0003_02_s_2019_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	2.05	Rating **	M	Issue No.	25
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.775748 °	39.775748 °
				-121.892958 °	-121.892958 °
DWR ID	DWR_NA0003_02_f_2019_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_NA0003_65_25_20200226_00004.jpg



View of the erosion on the landside slope due to vehicle traffic. Fall 2019.

LM Start	2.34	Rating **	M	Issue No.	52
LM End	2.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.772185 °	39.772185 °
				-121.895681 °	-121.895681 °
DWR ID	19239				
Comment Code					
Inspector Comment					
DS_ID:19239 FS_ID:30763 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris in landside inlet area. Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 2.44)]. FS Date: 2/24/2014					

Photo 1 of 3 : UCIP_SP_2020_30763_56662.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Vegetation debris blocking outlet.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	2.34	Rating **	M	Issue No.	52 (cont)
LM End	2.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.772185 °	39.772185 °
				-121.895681 °	-121.895681 °
DWR ID	19239				

Photo 2 of 3 : UCIP_SP_2020_30763_56661.jpg



LS view: U type concrete headwall and CMP on levee slope.

LM Start	2.34	Rating **	M	Issue No.	52 (cont)
LM End	2.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_30763_56660.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	2.54	Rating **	A/W	Issue No.	41
LM End	2.68	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.771186 °	39.769616 °
				-121.899060 °	-121.900854 °
DWR ID	DWR_ST0010_02_f_2022_11				
Comment Code					
Inspector Comment					
2017 Site ID: MUD 2.8 L Status: Eroding New 2017 Field Notes: Large erosion scarp along lower toe. Site History:					

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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	2.74	Rating **	M	Issue No.	53 (cont)
LM End	2.74	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.768741 °	39.768741 °
				-121.901176 °	-121.901176 °
DWR ID	19240				

Photo 3 of 3 : UCIP_SP_2020_30783_56680.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.08	Rating **	A/W	Issue No.	42
LM End	3.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.765543 °	39.764869 °
				-121.905367 °	-121.906737 °
DWR ID	DWR_ST0010_02_f_2022_12				
Comment Code					
Inspector Comment					
2017 Site ID: MUD 3.3 L Status: Eroding New 2017 Field Notes: Large mass failure of lower bank slope. Site History:					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.50	Rating **	M	Issue No.	54 (cont)
LM End	3.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.760847 °	39.760847 °
				-121.910265 °	-121.910265 °
DWR ID	19241				

Photo 3 of 3 : UCIP_SP_2020_30803_56683.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.52	Rating **	M	Issue No.	10
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.760582 °	39.760582 °
				-121.910303 °	-121.910303 °
DWR ID	DWR_NA0003_02_f_2015_10				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_65_10_20200413_00060.jpg



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

LM Start	3.77	Rating **	M	Issue No.	24
LM End	3.77	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.757596 °	39.757596 °
				-121.912148 °	-121.912148 °
DWR ID	DWR_NA0003_02_s_2020_24				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.82	Rating **	M	Issue No.	26
LM End	3.82	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		39.757022 °	39.757022 °	
			-121.912657 °	-121.912657 °	
DWR ID	DWR_NA0003_02_s_2020_26				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					

No Photos

LM Start	4.61	Rating **	M	Issue No.	55
LM End	4.61	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.748731 °	39.748731 °	
			-121.917577 °	-121.917577 °	
DWR ID	19245				
Comment Code					
Inspector Comment					
DS_ID:19245 FS_ID:31028 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 4.77)]. FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2020_31028_56913.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.09	Rating **	M	Issue No.	57 (cont)
LM End	6.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.733297 °	39.733297 °
				-121.930411 °	-121.930411 °
DWR ID	19248				

Photo 2 of 3 : UCIP_SP_2020_41376_56919.jpg



WS view: U type concrete headwall, pipes, and flapgates on levee slope. Vegetation debris on outlet box.

LM Start	6.09	Rating **	M	Issue No.	57 (cont)
LM End	6.09	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_41376_56918.jpg



LS view: U type concrete headwall and CMPs on levee slope. Soil/mud on inlet box.

* 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.09	Rating **	M	Issue No.	58
LM End	6.09	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.733280 °	39.733280 °	
			-121.930409 °	-121.930409 °	
DWR ID	19259				
Comment Code					
Inspector Comment					
DS_ID:19259 FS_ID:41377 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: [Channel Slough Drainage Structure] 2 of 2: 42-inch corrugated metal gravity drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwall on each end. Grouted riprap apron and rock revetment on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 6.30)]. FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2020_41377_56923.jpg



WS view: slide gates in CMP risers on levee slope.

LM Start	6.09	Rating **	M	Issue No.	58 (cont)
LM End	6.09	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_41377_56922.jpg



LS view: U type concrete headwall and CMPs on levee slope. Vegetation on inlet box.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.09	Rating **	M	Issue No.	58 (cont)
LM End	6.09	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.733280 °	39.733280 °
				-121.930409 °	-121.930409 °
DWR ID	19259				

Photo 3 of 3 : UCIP_SP_2020_41377_56921.jpg



LS view: U type concrete headwall and CMPs on levee slope. Soil/mud on inlet box.

LM Start	6.15	Rating **	M	Issue No.	59
LM End	6.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.732515 °	39.732515 °
				-121.930373 °	-121.930373 °
DWR ID	19249				

Photo 1 of 3 : UCIP_SP_2020_31034_56926.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope.

Comment Code					
Inspector Comment					
DS_ID:19249 FS_ID:31034 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 6.35)]. FS Date: 2/25/2014					

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.15	Rating **	M	Issue No.	59 (cont)
LM End	6.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.732515 °	39.732515 °
				-121.930373 °	-121.930373 °
DWR ID	19249				

Photo 2 of 3 : UCIP_SP_2020_31034_56925.jpg



LS view: U type concrete headwall and CMP on levee slope.

LM Start	6.15	Rating **	M	Issue No.	59 (cont)
LM End	6.15	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_31034_56924.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.43	Rating **	M	Issue No.	60 (cont)
LM End	6.43	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.728812 °	39.728812 °
				-121.932623 °	-121.932623 °
DWR ID	19251				

Photo 3 of 3 : UCIP_SP_2020_31085_56986.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	6.94	Rating **	M	Issue No.	61
LM End	6.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.722798 °	39.722798 °
				-121.937828 °	-121.937828 °
DWR ID	19252				

Photo 1 of 3 : UCIP_SP_2020_31103_57002.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box. Vegetation debris blocking outlet box

Comment Code					
Inspector Comment					
DS_ID:19252 FS_ID:31103 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 7.17)]. FS Date: 2/25/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	6.94	Rating **	M	Issue No.	61 (cont)
LM End	6.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.722798 °	39.722798 °
				-121.937828 °	-121.937828 °
DWR ID	19252				

Photo 2 of 3 : UCIP_SP_2020_31103_57001.jpg



LS view: U type concrete headwall and CMP on levee slope. Soil/mud on inlet box.

LM Start	6.94	Rating **	M	Issue No.	61 (cont)
LM End	6.94	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_31103_57000.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	7.22	Rating **	M	Issue No.	62
LM End	7.22	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.718882 °	39.718882 °	
			-121.937602 °	-121.937602 °	
DWR ID	19253				
Comment Code					
Inspector Comment					
DS_ID:19253 FS_ID:32085 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gates in CMP risers on waterside shoulder. Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 1 of 3: 48-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a corrugated metal pipe (CMP) riser on the WS shoulder. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 7.46)]. FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2020_32085_58585.jpg



WS view: slide gates in CMP risers on waterside shoulder.

LM Start	7.22	Rating **	M	Issue No.	62 (cont)
LM End	7.22	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32085_58584.jpg



WS view: U type concrete headwall, pipes, and flapgates on levee slope. Soil/mud on outlet box. Vegetation debris blocking outlet box

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	7.22	Rating **	M	Issue No.	62 (cont)
LM End	7.22	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.718882 °	39.718882 °
				-121.937602 °	-121.937602 °
DWR ID	19253				

Photo 3 of 3 : UCIP_SP_2020_32085_58586.jpg



LS view: U type concrete headwall and CMPs on levee slope. Soil/mud on inlet box.

LM Start	7.23	Rating **	M	Issue No.	63
LM End	7.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.718849 °	39.718849 °
				-121.937580 °	-121.937580 °
DWR ID	19261				

Photo 1 of 3 : UCIP_SP_2020_32087_58592.jpg



WS view: slide gates in CMP risers on waterside shoulder.

Comment Code					
Inspector Comment					
DS_ID:19261 FS_ID:32087 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gates in CMP risers on waterside shoulder. Needs cleaning and clearing on both pipe ends. FIELD_STRUCT_DESC: 3 of 3: 48-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a corrugated metal pipe (CMP) riser on the WS shoulder. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 7.46)]. FS Date: 2/25/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	7.23	Rating **	M	Issue No.	64
LM End	7.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.718862 °	39.718862 °	
			-121.937594 °	-121.937594 °	
DWR ID	19260				
Comment Code					
Inspector Comment					
DS_ID:19260 FS_ID:32086 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gates in CMP risers on waterside shoulder. Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 2 of 3: 48-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a corrugated metal pipe (CMP) riser on the WS shoulder. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 7.46)]. FS Date: 2/25/2014					

Photo 1 of 3 : UCIP_SP_2020_32086_58589.jpg



WS view: slide gates in CMP risers on waterside shoulder.

LM Start	7.23	Rating **	M	Issue No.	64 (cont)
LM End	7.23	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32086_58588.jpg



WS view: U type concrete headwall, pipes, and flapgates on levee slope. Soil/mud on outlet box. Vegetation debris on outlet box

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/06/2020 04/08/2020	Makar Sokol

LM Start	7.23	Rating **	M	Issue No.	64 (cont)
LM End	7.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.718862 °	39.718862 °
				-121.937594 °	-121.937594 °
DWR ID	19260				

Photo 3 of 3 : UCIP_SP_2020_32086_58587.jpg



LS view: U type concrete headwall and CMPs on levee slope. Soil/mud on inlet box.

LM Start	7.77	Rating **	M	Issue No.	65
LM End	7.77	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.711436 °	39.711436 °
				-121.937135 °	-121.937135 °
DWR ID	19254				

Photo 1 of 2 : UCIP_SP_2020_31129_57036.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box.

Comment Code					
Inspector Comment					
DS_ID:19254 FS_ID:31129 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris in inlet pipe, needs cleaning and clearing. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 18 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 8.09)]. FS Date: 2/25/2014					

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.08	Rating **	M	Issue No.	2
LM End	0.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.733999 °	39.733999 °	
			-121.929637 °	-121.929637 °	
DWR ID	DWR_NA0003_02A_f_2019_2				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.21	Rating **	A	Issue No.	3
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.735707 °	39.735707 °	
			-121.928811 °	-121.928811 °	
DWR ID	DWR_NA0003_02A_s_2020_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Good vegetation control on both landside and waterside slopes.					

Photo 1 of 1 : SP_2020_NA0003_66_3_20200413_00002.jpg



View of landside slope with good vegetation control. Spring 2020.

LM Start	0.21	Rating **	M	Issue No.	1
LM End	0.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.735806 °	39.735806 °	
			-121.928774 °	-121.928774 °	
DWR ID	DWR_NA0003_02A_f_2019_1				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_66_1_20200226_00001.jpg



View of depressions on the waterside slope. Fall 2019.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.02	Rating **	M	Issue No.	12
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.785970 °	39.785970 °	
			-121.882797 °	-121.882797 °	
DWR ID	DWR_NA0003_03_f_2015_12				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the erosion on both slopes caused by motorcycle traffic.					

Photo 1 of 1 : SP_2020_NA0003_67_12_20200413_00041.jpg



View of the slope erosion caused by motorcycle traffic. Spring 2020.

LM Start	0.07	Rating **	M	Issue No.	3
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.786068 °	39.786068 °	
			-121.881828 °	-121.881828 °	
DWR ID	DWR_NA0003_03_s_2012_3				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_67_3_20200413_00042.jpg



View of the erosion caused by motorcycles on the waterside slope. Spring 2020.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.10	Rating **	A/W	Issue No.	29
LM End	0.10	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.786195 °	39.786195 °	
			-121.881325 °	-121.881325 °	
DWR ID	19262				
Comment Code					
Inspector Comment					
DS_ID:19262 FS_ID:51844 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 05/16/2017 Crossing has been downgraded from Non-Urgent to No Action Needed. The flap gate appears to be in good working order based on the photos, and the small pile of debris not enough to warrant Non-Urgent rating. (K. Fazel - UCIP)03/11/2014:Slide gate in CMP riser on waterside.The culvert was working during field inspection. (P. Amatya - DWR) FIELD_STRUCT_DESC: 42-inch corrugated metal gravity drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in a corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 0.09)]. FS Date: 3/11/2014					

Photo 1 of 3 : UCIP_SP_2020_51844_58602.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope.

LM Start	0.10	Rating **	A/W	Issue No.	29 (cont)
LM End	0.10	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_51844_58601.jpg



WS view: U type concrete headwall of CMP culvert on levee slope. Grouted riprap levee slope and spillway.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.10	Rating **	A/W	Issue No.	29 (cont)
LM End	0.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.786195 °	39.786195 °
				-121.881325 °	-121.881325 °
DWR ID	19262				

Photo 3 of 3 : UCIP_SP_2020_51844_58600.jpg



WS view: slide gate in CMP riser on waterside shoulder.

LM Start	0.14	Rating **	M	Issue No.	27
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.786368 °	39.786368 °
				-121.880602 °	-121.880602 °
DWR ID	DWR_NA0003_03_s_2019_27				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees smaller than 4-inches in diameter at chest height should be removed.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.39	Rating **	A/W	Issue No.	30
LM End	0.39	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.785262 °	39.785262 °	
			-121.876622 °	-121.876622 °	
DWR ID	19278				
Comment Code					
Inspector Comment					
DS_ID:19278 FS_ID:32104 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Slide gate in CMP riser on waterside. The culvert was working during the field visit. FIELD_STRUCT_DESC: 1 of 3: 48-inch corrugated metal gravity drainage pipe through the levee, 11.7 feet below the crown. Slide gate in a riser well on the waterside (WS) slope. Concrete U-shaped headwall on each end. Flap gate on the WS end. Grouted riprap outlet channel on the WS. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 0.39)]. FS Date: 3/11/2014					

Photo 1 of 2 : UCIP_SP_2020_32104_58606.jpg



WS view: U type concrete headwall and three CMPs with slide gates on levee slope. Grouted riprap spillway.

LM Start	0.39	Rating **	A/W	Issue No.	30 (cont)
LM End	0.39	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_32104_58605.jpg



LS view: U type concrete headwall and three CMPs on levee slope. Soil/mud on inlet box.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	0.39	Rating **	A/W	Issue No.	32
LM End	0.39	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.785230 °	39.785230 °	
			-121.876592 °	-121.876592 °	
DWR ID	19263				
Comment Code					
Inspector Comment					
DS_ID:19263 FS_ID:32106 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Slide gate in CMP riser on waterside. The culvert was working during the field visit. FIELD_STRUCT_DESC: 3 of 3: 48-inch corrugated metal gravity drainage pipe through the levee, 11.7 feet below the crown. Slide gate in a riser well on the waterside (WS) slope. Concrete U-shaped headwall on each end. Flap gate on the WS end. Grouted riprap outlet channel on the WS. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 0.39)]. FS Date: 3/11/2014					

Photo 1 of 2 : UCIP_SP_2020_32106_58610.jpg



WS view: U type concrete headwall and three CMPs with slide gates on levee slope. Grouted riprap spillway.

LM Start	0.39	Rating **	A/W	Issue No.	32 (cont)
LM End	0.39	Issue Type +	Ma	Location *	

Photo 2 of 2 : UCIP_SP_2020_32106_58609.jpg



LS view: U type concrete headwall and three CMPs on levee slope. Soil/mud on inlet box.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	1.25	Rating **	A/W	Issue No.	33
LM End	1.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.779678 °	39.779678 °
				-121.862632 °	-121.862632 °
DWR ID	19264				
Comment Code					
Inspector Comment					
DS_ID:19264 FS_ID:32107 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: The culvert was working during the field visit. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.28)]. FS Date: 3/11/2014					

Photo 1 of 3 : UCIP_SP_2020_32107_58613.jpg



WS view: U type concrete headwall and grouted riprap on levee slope.

LM Start	1.25	Rating **	A/W	Issue No.	33 (cont)
LM End	1.25	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_32107_58612.jpg



WS view: U type concrete headwall, flapgate, and CMP on levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	1.25	Rating **	A/W	Issue No.	33 (cont)
LM End	1.25	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.779678 °	39.779678 °
				-121.862632 °	-121.862632 °
DWR ID	19264				

Photo 3 of 3 : UCIP_SP_2020_32107_58611.jpg



LS view: U type concrete headwall and CMP on levee slope.

LM Start	1.50	Rating **	A/W	Issue No.	34
LM End	1.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.779230 °	39.779230 °
				-121.857945 °	-121.857945 °
DWR ID	19265				

Photo 1 of 2 : UCIP_SP_2020_31899_58187.jpg



WS view: U type concrete headwall, flapgate, and CMP on levee slope. Looks clean and clear.

Comment Code					
Inspector Comment					
DS_ID:19265 FS_ID:31899 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Working during the field visit. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on each end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.53)]. FS Date: 3/11/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	1.50	Rating **	A/W	Issue No.	34 (cont)
LM End	1.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.779230 °	39.779230 °
				-121.857945 °	-121.857945 °
DWR ID	19265				

Photo 2 of 2 : UCIP_SP_2020_31899_58186.jpg



LS view: U type concrete headwall and CMP on levee slope. Looks clean and clear.

LM Start	2.17	Rating **	M	Issue No.	36
LM End	2.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.785290 °	39.785290 °
				-121.844235 °	-121.844235 °
DWR ID	19267				

Photo 1 of 3 : UCIP_SP_2020_32124_58625.jpg



WS view: concrete headwall, pipe, and flapgate on levee slope. Vegetation and mud on outlet box.

Comment Code					
Inspector Comment					
DS_ID:19267 FS_ID:32124 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe is about 4 feet below the crown. Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 2.23)]. FS Date: 3/7/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	2.17	Rating **	M	Issue No.	36 (cont)
LM End	2.17	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.785290 °	39.785290 °
				-121.844235 °	-121.844235 °
DWR ID	19267				

Photo 2 of 3 : UCIP_SP_2020_32124_58624.jpg



LS view: U type concrete headwall of CMP culvert on levee slope. Vegetation on inlet box.

LM Start	2.17	Rating **	M	Issue No.	36 (cont)
LM End	2.17	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32124_58627.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	2.68	Rating **	A/W	Issue No.	23
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			39.781508 °	39.781327 °
				-121.850137 °	-121.850828 °
DWR ID	DWR_ST0010_02_f_2022_13				
Comment Code					
Inspector Comment					
2017 Site ID: CHI 2.7 L Status: Eroding New 2017 Field Notes: No trees on bank or levee. Large erosion scarp along lower bank. Site History:					

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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.08	Rating **	M	Issue No.	38 (cont)
LM End	3.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.778016 °	39.778016 °
				-121.854460 °	-121.854460 °
DWR ID	19269				

Photo 3 of 3 : UCIP_SP_2020_31901_58195.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.09	Rating **	M	Issue No.	22
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.777880 °	39.777880 °
				-121.854230 °	-121.854230 °
DWR ID	DWR_NA0003_03_s_2019_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_67_22_20200226_00005.jpg



View of the wild growth at the landside toe. Spring 2019.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.19	Rating **	A/W	Issue No.	39
LM End	3.19	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.777463 °	39.777463 °	
			-121.852512 °	-121.852512 °	
DWR ID	19270				
Comment Code					
Inspector Comment					
DS_ID:19270 FS_ID:31902 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 3.28)]. FS Date: 3/7/2014					

Photo 1 of 3 : UCIP_SP_2020_31902_58201.jpg



WS view: U type concrete headwall and grouted riprap spillway on levee slope.

LM Start	3.19	Rating **	A/W	Issue No.	39 (cont)
LM End	3.19	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_31902_58200.jpg



WS view: U type concrete headwall and CMP on levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.19	Rating **	A/W	Issue No.	39 (cont)
LM End	3.19	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777463 °	39.777463 °
				-121.852512 °	-121.852512 °
DWR ID	19270				

Photo 3 of 3 : UCIP_SP_2020_31902_58199.jpg



LS view: U type concrete headwall and CMP on levee slope. Soil/mud on inlet box.

LM Start	3.34	Rating **	M	Issue No.	40
LM End	3.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777410 °	39.777410 °
				-121.849627 °	-121.849627 °
DWR ID	19271				

Photo 1 of 3 : UCIP_SP_2020_31864_58069.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box. Vegetation debris blocking outlet box.

Comment Code					
Inspector Comment					
DS_ID:19271 FS_ID:31864 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 3.43)]. FS Date: 3/7/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.34	Rating **	M	Issue No.	40 (cont)
LM End	3.34	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777410 °	39.777410 °
				-121.849627 °	-121.849627 °
DWR ID	19271				

Photo 2 of 3 : UCIP_SP_2020_31864_58068.jpg



LS view: U type concrete headwall and CMP on levee slope. Soil/mud on inlet box.

LM Start	3.34	Rating **	M	Issue No.	40 (cont)
LM End	3.34	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_31864_58067.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.38	Rating **	M	Issue No.	14
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.777429 °	39.777429 °
				-121.848937 °	-121.848937 °
DWR ID	DWR_NA0003_03_f_2016_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_67_14_20200413_00040.jpg



View of a bush along the landside toe. Spring 2020.

* 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.50	Rating **	M	Issue No.	41
LM End	3.50	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.777139 °	39.777139 °	
			-121.846769 °	-121.846769 °	
DWR ID	19272				
Comment Code					
Inspector Comment					
DS_ID:19272 FS_ID:31856 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 3.59)]. FS Date: 3/7/2014					

Photo 1 of 3 : UCIP_SP_2020_31856_58053.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box.

LM Start	3.50	Rating **	M	Issue No.	41 (cont)
LM End	3.50	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_31856_58052.jpg



LS view: U type concrete headwall and CMP on levee slope. Soil/mud on inlet box.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.50	Rating **	M	Issue No.	41 (cont)
LM End	3.50	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777139 °	39.777139 °
				-121.846769 °	-121.846769 °
DWR ID	19272				

Photo 3 of 3 : UCIP_SP_2020_31856_58051.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	3.68	Rating **	M	Issue No.	43
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777662 °	39.777662 °
				-121.843489 °	-121.843489 °
DWR ID	19275				

Photo 1 of 2 : UCIP_SP_2020_32125_58629.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. Soil/mud on outlet box. Vegetation debris blocking outlet box.

Comment Code					
Inspector Comment					
DS_ID:19275 FS_ID:32125 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: The culvert was working during the field visit.Needs cleaning and clearing on both ends of the pipe. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 7.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 3.76)]. FS Date: 3/4/2014					

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	3.68	Rating **	M	Issue No.	43 (cont)
LM End	3.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.777662 °	39.777662 °
				-121.843489 °	-121.843489 °
DWR ID	19275				

Photo 2 of 2 : UCIP_SP_2020_32125_58628.jpg



LS view: U type concrete headwall and pipe on levee slope. Soil/mud on inlet box. Vegetation debris blocking inlet box.

LM Start	3.82	Rating **	C	Issue No.	20
LM End	3.82	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.779026 °	39.779026 °
				-121.841625 °	-121.841625 °
DWR ID	DWR_NA0003_03_f_2019_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	3.96	Rating **	C	Issue No.	21
LM End	3.96	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.780606 °	39.780606 °
				-121.840048 °	-121.840048 °
DWR ID	DWR_NA0003_03_f_2019_21				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	04/06/2020 04/08/2020	Makar Sokol

LM Start	4.03	Rating **	C	Issue No.	28
LM End	4.03	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.781465 °	39.781465 °	
			-121.839541 °	-121.839541 °	
DWR ID	DWR_NA0003_03_f_2019_28				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.16	Rating **	C	Issue No.	20
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.776526 °	39.776526 °	
			-121.848727 °	-121.848727 °	
DWR ID	DWR_NA0003_04_f_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.27	Rating **	M	Issue No.	42
LM End	0.27	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.776554 °	39.776554 °	
			-121.850730 °	-121.850730 °	
DWR ID	19279				
Comment Code					
Inspector Comment					
DS_ID:19279 FS_ID:32026 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 0.28)]. FS Date: 3/7/2014					

Photo 1 of 3 : UCIP_SP_2020_32026_58520.jpg



WS view: concrete headwall and grouted riprap spillway on levee slope.

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.27	Rating **	M	Issue No.	42 (cont)
LM End	0.27	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.776554 °	39.776554 °
				-121.850730 °	-121.850730 °
DWR ID	19279				

Photo 2 of 3 : UCIP_SP_2020_32026_58519.jpg



WS view: U type concrete headwall and CMP on levee slope. Mud and vegetation debris on outlet box.

LM Start	0.27	Rating **	M	Issue No.	42 (cont)
LM End	0.27	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32026_58518.jpg



LS view: U type concrete headwall and CMP on levee slope. Mud and pebbles on inlet box.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.33	Rating **	M	Issue No.	43 (cont)
LM End	0.33	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.775926 °	39.775926 °
				-121.850647 °	-121.850647 °
DWR ID	19280				

Photo 3 of 3 : UCIP_SP_2020_32025_58510.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud on inlet box.

LM Start	0.35	Rating **	M	Issue No.	44
LM End	0.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.775682 °	39.775682 °
				-121.850375 °	-121.850375 °
DWR ID	19281				

Photo 1 of 3 : UCIP_SP_2020_32023_58505.jpg



WS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud on outlet box. Needs cleaning and clearing.

Comment Code					
Inspector Comment					
DS_ID:19281 FS_ID:32023 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 0.36)]. FS Date: 3/7/2014					

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.35	Rating **	M	Issue No.	44 (cont)
LM End	0.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.775682 °	39.775682 °
				-121.850375 °	-121.850375 °
DWR ID	19281				

Photo 2 of 3 : UCIP_SP_2020_32023_58504.jpg



LS view: U type concrete headwall and CMP on levee slope. Pebbles and mud on inlet box.

LM Start	0.35	Rating **	M	Issue No.	44 (cont)
LM End	0.35	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_32023_58503.jpg



LS view: inside view of the CM pipe. Needs cleaning and clearing the pipe.

LM Start	0.35	Rating **	M	Issue No.	21
LM End	0.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.775672 °	39.775220 °
				-121.850301 °	-121.849805 °
DWR ID	DWR_NA0003_04_f_2016_21				

Photo 1 of 1 : SP_2020_NA0003_68_21_20200413_00035.jpg



View of the wild growth along the landside toe. Spring 2020.

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

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.35	Rating **	U	Issue No.	14
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.775656 °	39.775289 °	
			-121.850308 °	-121.849907 °	
DWR ID	DWR_NA0003_04_f_2019_14				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_68_14_20200226_00004.jpg



View of trees and wild growth along the waterside slope and toe. Fall 2019.

LM Start	0.63	Rating **	M	Issue No.	26
LM End	0.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.773988 °	39.773988 °	
			-121.846320 °	-121.846320 °	
DWR ID	DWR_NA0003_04_s_2019_26				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion rills are located in this area. The storm inlet on the landside may not be functioning properly and may impact ability to access the patrol road.					

No Photos

LM Start	0.77	Rating **	C	Issue No.	32
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.774198 °	39.774198 °	
			-121.849021 °	-121.849021 °	
DWR ID	DWR_NA0003_04_s_2019_32				
Comment Code					
PR : Prunings					
Inspector Comment					
The prunings should be removed from the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.83	Rating **	M	Issue No.	31
LM End	0.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.774801 °	39.774801 °	
			-121.849850 °	-121.849850 °	
DWR ID	DWR_NA0003_04_s_2019_31				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees smaller than 4-inches in diameter at chest height should be removed.					

No Photos

LM Start	0.88	Rating **	M	Issue No.	29
LM End	0.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.775362 °	39.775362 °	
			-121.850468 °	-121.850468 °	
DWR ID	DWR_NA0003_04_s_2019_29				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.91	Rating **	M	Issue No.	28
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.775610 °	39.775610 °	
			-121.850807 °	-121.850807 °	
DWR ID	DWR_NA0003_04_s_2019_28				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.94	Rating **	M	Issue No.	47 (cont)
LM End	0.94	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.775899 °	39.775899 °
				-121.851124 °	-121.851124 °
DWR ID	19288				

Photo 3 of 3 : UCIP_SP_2020_32144_58642.jpg



WS view: slide gate in CMP riser on waterside. No access to CMP riser.

LM Start	1.04	Rating **	M	Issue No.	23
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.776589 °	39.776589 °
				-121.852600 °	-121.852600 °
DWR ID	DWR_NA0003_04_f_2016_23				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_68_23_20200226_00007.jpg



View of the blackberries blocking visibility and access.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.11	Rating **	M	Issue No.	48 (cont)
LM End	1.11	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.776709 °	39.776709 °
				-121.853932 °	-121.853932 °
DWR ID	19289				

Photo 3 of 3 : UCIP_SP_2020_31963_58385.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	1.35	Rating **	M	Issue No.	49
LM End	1.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.778370 °	39.778370 °
				-121.857904 °	-121.857904 °
DWR ID	19290				

Photo 1 of 2 : UCIP_SP_2020_31964_58389.jpg



WS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud in outlet box. Needs cleaning and clearing.

Comment Code					
Inspector Comment					
DS_ID:19290 FS_ID:31964 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 13 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 1.41)]. FS Date: 3/7/2014					

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.35	Rating **	M	Issue No.	49 (cont)
LM End	1.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.778370 °	39.778370 °
				-121.857904 °	-121.857904 °
DWR ID	19290				

Photo 2 of 2 : UCIP_SP_2020_31964_58388.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud in inlet box.

LM Start	2.00	Rating **	C	Issue No.	34
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.781217 °	39.781217 °
				-121.869124 °	-121.869124 °
DWR ID	DWR_NA0003_04_s_2019_34				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	2.15	Rating **	M	Issue No.	50
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.782777 °	39.782777 °
				-121.871179 °	-121.871179 °
DWR ID	19291				
Comment Code					
Inspector Comment					
DS_ID:19291 FS_ID:31965 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on each end. Grouted riprap apron on the landside (LS) end. Grouted riprap spillway on the WS end. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 504, May 1965, (HLM 2.22)]. FS Date: 3/7/2014					

Photo 1 of 3 : UCIP_SP_2020_31965_58395.jpg



WS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud in outlet box. Needs cleaning and clearing.

LM Start	2.15	Rating **	M	Issue No.	50 (cont)
LM End	2.15	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_31965_58394.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud in inlet box.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/06/2020 04/06/2020	Makar Sokol

LM Start	2.15	Rating **	M	Issue No.	50 (cont)
LM End	2.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.782777 °	39.782777 °
				-121.871179 °	-121.871179 °
DWR ID	19291				

Photo 3 of 3 : UCIP_SP_2020_31965_58393.jpg



LS view: inside view of CMP on levee slope. Needs cleaning and clearing.

LM Start	2.40	Rating **	M	Issue No.	39
LM End	2.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.783686 °	39.783686 °
				-121.875665 °	-121.875665 °
DWR ID	DWR_NA0003_04_s_2019_39				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.03	Rating **	M	Issue No.	1
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.763164 °	39.761860 °
				-121.790335 °	-121.792635 °
DWR ID	DWR_NA0003_05_s_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_69_1_20200226_00001.jpg



View of the wild growth on the landside slope. Spring 2019.

LM Start	0.08	Rating **	M	Issue No.	4
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.762693 °	39.762693 °
				-121.790925 °	-121.790925 °
DWR ID	DWR_NA0003_05_s_2019_4				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.30	Rating **	C	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.761743 °	39.761743 °
				-121.794447 °	-121.794447 °
DWR ID	DWR_NA0003_05_f_2019_3				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The fallen tree should be removed from the landside slope and toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/06/2020 04/06/2020	Makar Sokol

LM Start	0.38	Rating **	M	Issue No.	8
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.761447 °	39.761179 °	
			-121.795898 °	-121.796344 °	
DWR ID	DWR_NA0003_05_f_2019_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.42	Rating **	C	Issue No.	11
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.761077 °	39.761077 °	
			-121.796576 °	-121.796576 °	
DWR ID	DWR_NA0003_05_f_2016_11				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	0.89	Rating **	A/W	Issue No.	6
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.764397 °	39.764397 °	
			-121.803335 °	-121.803335 °	
DWR ID	DWR_NA0003_05_f_2014_6				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Trim branches 1-inch in diameter or less to keep bush from becoming an issue.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/06/2020 04/06/2020	Makar Sokol

LM Start	1.19	Rating **	M	Issue No.	12
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.767958 °	39.767958 °
				-121.806326 °	-121.806326 °
DWR ID	DWR_NA0003_05_s_2019_12				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_69_12_20200413_00007.jpg



View of the landside slope erosion caused by foot traffic. Spring 2020.

LM Start	1.25	Rating **	M	Issue No.	13
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.768621 °	39.768621 °
				-121.807052 °	-121.807052 °
DWR ID	DWR_NA0003_05_f_2016_13				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0003_69_13_20200226_00004.jpg



View of the damaged slope by foot traffic.

LM Start	1.49	Rating **	A/W	Issue No.	17
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.771379 °	39.771379 °
				-121.809849 °	-121.809849 °
DWR ID	DWR_NA0003_05_s_2019_17				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

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