

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2016 Levee Inspection Results

Butte County Department of Public Works

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

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

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

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

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway		Bank	Unit Miles
Unit No. 01 Mud Creek		Right	6.80

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By	Shawn Bates Butte County			

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start		Rating **	A	Issue No.	2
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_s_2013_2				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

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					
The LMA completed flood fight training in 2013.					

No Photos

LM Start		Rating **	A	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 has the 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	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	1.00	Rating **	M	Issue No.	43
LM End	1.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.739268 °	39.739268 °
				-121.931891 °	-121.931891 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32044 DS_ID:19211 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 CM pipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_32044_58543.jpg



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

LM Start	1.00	Rating **	M	Issue No.	43 (cont)
LM End	1.00	Issue Type +	En	Location *	N/A

Photo 2 of 2 : UCIP_SP_2016_32044_58542.jpg



WS view: 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	1.29	Rating **	M	Issue No.	23
LM End	1.29	Issue Type +	En	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.741277 °	39.741277 °
				-121.927485 °	-121.927485 °
DWR ID	DWR_NA0003_01_f_2014_23				
Comment Code					
FW : Firewood					
Inspector Comment					
Remove the firewood from the landside toe.					

Photo 1 of 2 : SP_2016_NA0003_64_23_20160321_00006.jpg



View of the firewood along the landside toe.

LM Start	1.29	Rating **	M	Issue No.	23 (cont)
LM End	1.29	Issue Type +	En	Location *	N/A

Photo 2 of 2 : SP_2016_NA0003_64_23_20160321_00007.jpg



View of the firewood along the landside toe.

LM Start	1.69	Rating **	M	Issue No.	15
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.745718 °	39.745718 °
				-121.923124 °	-121.923124 °
DWR ID	DWR_NA0003_01_s_2014_15				
Comment Code					
FW : Firewood					
Inspector Comment					
Remove the firewood from the landside toe					

Photo 1 of 2 : SP_2016_NA0003_64_15_20160321_00003.jpg



View of the firewood along the landside toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	1.69	Rating **	M	Issue No.	15 (cont)
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.745718 °	39.745718 °
				-121.923124 °	-121.923124 °
DWR ID	DWR_NA0003_01_s_2014_15				
Comment Code					
FW : Firewood					
Inspector Comment					
Remove the firewood from the landside toe					

Photo 2 of 2 : SP_2016_NA0003_64_15_20160321_00004.jpg



View of the firewood along the landside toe.

LM Start	1.90	Rating **	U	Issue No.	52
LM End	1.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.747563 °	39.747563 °
				-121.920170 °	-121.920170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41767 DS_ID:19212 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: No riprap spillway on waterside.Needs cleaning and clearing of debris. Flap gate was not fully closed. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_41767_55886.jpg



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

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	1.90	Rating **	U	Issue No.	52 (cont)
LM End	1.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.747563 °	39.747563 °
				-121.920170 °	-121.920170 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41767 DS_ID:19212 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: No riprap spillway on waterside.Needs cleaning and clearing of debris. Flap gate was not fully closed. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 2 of 2 : UCIP_SP_2016_41767_55885.jpg



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

LM Start	1.99	Rating **	U	Issue No.	42
LM End	1.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.748170 °	39.748170 °
				-121.918778 °	-121.918778 °
DWR ID	DWR_NA0003_01_s_2016_42				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping vegetation completely obscuring landside toe.					

Photo 1 of 1 : SP_2016_NA0003_64_42_20160506_00054.jpg



04/25/2016: Trim vegetation on L/S slope.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	2.00	Rating **	U	Issue No.	3
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.748330 °	39.748867 °	
			-121.918685 °	-121.918533 °	
DWR ID	DWR_NA0003_01_s_2012_3				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_3_20160321_00002.jpg



View of the fences along the L/S toe.

LM Start	2.06	Rating **	U	Issue No.	40
LM End	2.08	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.749145 °	39.749461 °	
			-121.918506 °	-121.918425 °	
DWR ID	DWR_NA0003_01_s_2016_40				
Comment Code					
FE : Fence					
Inspector Comment					
Piecemeal corrugated fencing with vegetation completely obscuring landside toe. Small fort included along fencing.					

Photo 1 of 1 : SP_2016_NA0003_64_40_20160506_00050.jpg



04/25/2016: Metal fence and treehouse obstructing visibility and access. Should be removed.

LM Start	2.06	Rating **	M	Issue No.	41
LM End	2.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.749149 °	39.749149 °	
			-121.918510 °	-121.918510 °	
DWR ID	DWR_NA0003_01_s_2016_41				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Homeowner is dragging soil and debris across levee and dumping on waterside terrace.					

Photo 1 of 2 : SP_2016_NA0003_64_41_20160506_00051.jpg



04/25/2016: Soil and debris dragged across levee from L/S to W/S.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	2.06	Rating **	M	Issue No.	41 (cont)
LM End	2.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.749149 °	39.749149 °
				-121.918510 °	-121.918510 °
DWR ID	DWR_NA0003_01_s_2016_41				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Homeowner is dragging soil and debris across levee and dumping on waterside terrace.					

Photo 2 of 2 : SP_2016_NA0003_64_41_20160506_00053.jpg



04/25/2016: Soil and debris dragged across levee from L/S to W/S and pushed into channel.

LM Start	2.10	Rating **	U	Issue No.	24
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.749732 °	39.749732 °
				-121.918270 °	-121.918270 °
DWR ID	DWR_NA0003_01_s_2012_24				
Comment Code					
BU : Building					
Inspector Comment					
Shed and plank fencing blocking visibility.					

Photo 1 of 1 : SP_2016_NA0003_64_24_20160506_00049.jpg



04/25/2016: Remove/relocate metal shed at L/S toe.

LM Start	2.12	Rating **	C	Issue No.	4
LM End	2.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.749917 °	39.753355 °
				-121.917738 °	-121.922915 °
DWR ID	DWR_NA0003_01_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					
Fence is no-climb/ barbed wire with no vegetation. Not blocking visibility.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	2.60	Rating **	M	Issue No.	26
LM End	2.60	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.756022 °	39.756022 °	
			-121.914788 °	-121.914788 °	
DWR ID	DWR_NA0003_01_f_2014_26				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_26_20160321_00009.jpg



View of the prunings along the landside toe.

LM Start	2.71	Rating **	M	Issue No.	45
LM End	2.71	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.757445 °	39.757445 °	
			-121.913654 °	-121.913654 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30291 DS_ID:19230 EP_NO: 16633 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: A concrete water control box on landside shoulder.It needs confirmation and more info from LMA and/or DWR Inspector. FIELD_STRUCT_DESC: A 2-inch diameter storm water discharge pipeline through the right bank and landward levee toe of Mud Creek. Used a 2-inch coated & wrapped steel pipe. Submerged pump in 36 inch dia CMP casing approx 10 ft from landside toe. Drainage ditch, up to 4 ft wide, runs perpendicular to levee alignment starting at CMP riser and running away from levee. (App. No. 16633) FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_30291_55700.jpg



LS view: CMP riser on levee toe (top) and control box on levee shoulder (bottom).

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	2.71	Rating **	M	Issue No.	45 (cont)
LM End	2.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.757445 °	39.757445 °
				-121.913654 °	-121.913654 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30291 DS_ID:19230 EP_NO: 16633 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: A concrete water control box on landside shoulder.It needs confirmation and more info from LMA and/or DWR Inspector. FIELD_STRUCT_DESC: A 2-inch diameter storm water discharge pipeline through the right bank and landward levee toe of Mud Creek. Used a 2-inch coated & wrapped steel pipe. Submerged pump in 36 inch dia CMP casing approx 10 ft from landside toe. Drainage ditch, up to 4 ft wide, runs perpendicular to levee alignment starting at CMP riser and running away from levee. (App. No. 16633) FS Date: 2/20/2014					

Photo 2 of 2 : UCIP_SP_2016_30291_55699.jpg



LS view: CMP riser on levee toe and drainage ditch perpendicular to the levee.

LM Start	2.93	Rating **	M	Issue No.	1
LM End	2.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.759755 °	39.759755 °
				-121.911160 °	-121.911160 °
DWR ID	DWR_NA0003_01_s_2012_1				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_1_20160321_00001.jpg



View of the pruning pile along the L/S toe.

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

Levee Inspection Report By Mile - Spring 2016

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	2.98	Rating **	U	Issue No.	39
LM End	2.98	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.760539 °	39.760539 °	
			-121.911376 °	-121.911376 °	
DWR ID	DWR_NA0003_01_s_2016_39				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					
Truck and farm equipment blocking landside toe.					

Photo 1 of 1 : SP_2016_NA0003_64_39_20160506_00047.jpg



04/25/2016: Remove equipment/vehicles from L/S toe.

LM Start	3.02	Rating **	M	Issue No.	25
LM End	3.02	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.761085 °	39.761085 °	
			-121.911048 °	-121.911048 °	
DWR ID	DWR_NA0003_01_s_2012_25				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_25_20160321_00008.jpg



View of the prunings along the landside toe.

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

Levee Inspection Report By Mile - Spring 2016

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.03	Rating **	M	Issue No.	46
LM End	3.03	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.761224 °	39.761224 °	
			-121.911108 °	-121.911108 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30294 DS_ID:19216 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Inlet and outlet needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through levee, 8.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_30294_55704.jpg



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

LM Start	3.03	Rating **	M	Issue No.	46 (cont)
LM End	3.03	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_30294_55703.jpg



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

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.15	Rating **	M	Issue No.	31
LM End	3.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.762565 °	39.762565 °
				-121.909873 °	-121.909873 °
DWR ID	DWR_NA0003_01_s_2015_31				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside slope.					

LM Start	3.15	Rating **	M	Issue No.	31 (cont)
LM End	3.15	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_NA0003_64_31_20160321_00012.jpg



View of the prunings along the landside slope.

Photo 2 of 2 : SP_2016_NA0003_64_31_20160321_00013.jpg



View of the prunings and bait station along the landside slope.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.18	Rating **	M	Issue No.	47
LM End	3.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.763067 °	39.763067 °
				-121.909608 °	-121.909608 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30295 DS_ID:19217 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 CM pipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_30295_55706.jpg



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

LM Start	3.18	Rating **	M	Issue No.	47 (cont)
LM End	3.18	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.25	Rating **	M	Issue No.	27
LM End	3.25	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.763993 °	39.763993 °	
			-121.909108 °	-121.909108 °	
DWR ID	DWR_NA0003_01_f_2014_27				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_27_20160321_00010.jpg



View of the prunings along the landside toe.

LM Start	3.39	Rating **	M	Issue No.	48
LM End	3.39	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.765440 °	39.765440 °	
			-121.907261 °	-121.907261 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30310 DS_ID:19218 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_30310_55741.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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.39	Rating **	M	Issue No.	48 (cont)
LM End	3.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.765440 °	39.765440 °
				-121.907261 °	-121.907261 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30310 DS_ID:19218 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 2 of 2 : UCIP_SP_2016_30310_55740.jpg



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

LM Start	3.88	Rating **	M	Issue No.	32
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.770292 °	39.770292 °
				-121.901428 °	-121.901428 °
DWR ID	DWR_NA0003_01_f_2015_32				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside toe.					

Photo 1 of 1 : SP_2016_NA0003_64_32_20160321_00014.jpg



View of the prunings along the landside toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	3.97	Rating **	M	Issue No.	49
LM End	3.97	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.771293 °	39.771293 °	
			-121.900247 °	-121.900247 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30311 DS_ID:19219 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 CM pipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

LM Start	3.97	Rating **	M	Issue No.	49 (cont)
LM End	3.97	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_30311_55743.jpg



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

Photo 2 of 2 : UCIP_SP_2016_30311_55742.jpg



LS 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	4.03	Rating **	M	Issue No.	29
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.771843 °	39.771843 °	
			-121.899437 °	-121.899437 °	
DWR ID	DWR_NA0003_01_f_2014_29				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_29_20160321_00011.jpg



View of the prunings along the landside toe.

LM Start	4.26	Rating **	M	Issue No.	5
LM End	4.32	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		39.773257 °	39.773969 °	
			-121.895618 °	-121.895078 °	
DWR ID	DWR_NA0003_01_s_2016_5				
Comment Code					
Inspector Comment					
2011 - Two large erosion scallops at the toe from a rotational failure. Deep cracks along the slope indicate the potential for further failures. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: MUD_4-4_R]					

No Photos

LM Start	4.27	Rating **	M	Issue No.	33
LM End	4.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.773398 °	39.773398 °	
			-121.895765 °	-121.895765 °	
DWR ID	DWR_NA0003_01_f_2015_33				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_NA0003_64_33_20160321_00015.jpg



View of the rodent holes along the landside slope.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	4.46	Rating **	M	Issue No.	50
LM End	4.46	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.775905 °	39.775905 °	
			-121.893980 °	-121.893980 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30312 DS_ID:19220 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

Photo 1 of 2 : UCIP_SP_2016_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.	50 (cont)
LM End	4.46	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	4.46	Rating **	M	Issue No.	21
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.775908 °	39.775908 °	
			-121.893947 °	-121.893947 °	
DWR ID	DWR_NA0003_01_s_2012_21				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_21_20160321_00005.jpg



View of the brush pile along landside toe.

LM Start	4.79	Rating **	M	Issue No.	38
LM End	4.79	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.780062 °	39.780062 °	
			-121.891475 °	-121.891475 °	
DWR ID	DWR_NA0003_01_s_2016_38				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_64_38_20160506_00046.jpg



04/25/2016: Remove prunings and stumps from L/S toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	4.81	Rating **	M	Issue No.	44
LM End	4.81	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.780244 °	39.780244 °	
			-121.891267 °	-121.891267 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30388 DS_ID:19221 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: CM Standpipe intake. Intake pipe with air vent. Steel rib-bar grit cover on the standpipe on landside levee toe. Needs cleaning and clearing on both ends of the pipe. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 15.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on waterside ends. Grouted riprap spillway on the waterward end. CM Standpipe intake. Intake pipe with air vent. Steel rib-bar grit cover on the standpipe on landside levee toe. O&M Manual Sac 504, May 1965. FS Date: 2/20/2014					

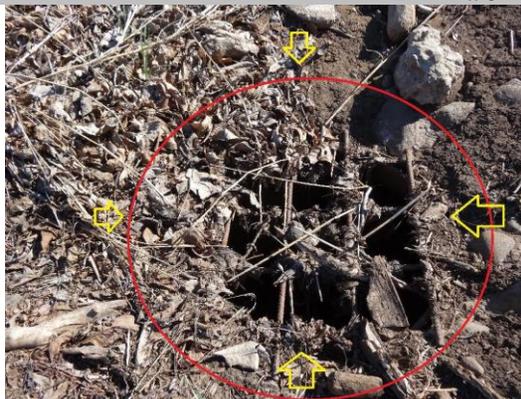
Photo 1 of 2 : UCIP_SP_2016_30388_55891.jpg



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

LM Start	4.81	Rating **	M	Issue No.	44 (cont)
LM End	4.81	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_30388_55890.jpg



LS view: Underground CM standpipe intake with steel grit on levee toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	5.06	Rating **	M	Issue No.	53
LM End	5.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.783387 °	39.783387 °
				-121.888839 °	-121.888839 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41870 DS_ID:19231 EP_NO: 9874 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact the owner to determine crossing status and install gasoline markers if its appropriate to do so. FIELD_STRUCT_DESC: Install a 6-inch gas main thru both levees and channel of Mud Creek Downstream from old Hwy 99E. (Permit No. 9874) gasoline indicator/marker post found across the creek on NA 3 Unit 2. FS Date: 2/20/2014					

No Photos

LM Start	5.30	Rating **	M	Issue No.	51
LM End	5.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.784739 °	39.784739 °
				-121.884860 °	-121.884860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30368 DS_ID:19223 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12-inch steel pipe about 14 ft below the crown. FIELD_STRUCT_DESC: 12-inch steel pipeline through levee, 14-ft below the crown. Slide gate in concrete box on waterward slope. Flap gate on waterward side. Grouted rock revetment on waterward slope. Three pumps on concrete pad on landside. FS Date: 2/24/2014					

Photo 1 of 2 : UCIP_SP_2016_30368_55861.jpg



WS view: slide gate in concrete box 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	5.30	Rating **	M	Issue No.	51 (cont)
LM End	5.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.784739 °	39.784739 °
				-121.884860 °	-121.884860 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30368 DS_ID:19223 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12-inch steel pipe about 14 ft below the crown. FIELD_STRUCT_DESC: 12-inch steel pipeline through levee, 14-ft below the crown. Slide gate in concrete box on waterward slope. Flap gate on waterward side. Grouted rock revetment on waterward slope. Three pumps on concrete pad on landside. FS Date: 2/24/2014					

Photo 2 of 2 : UCIP_SP_2016_30368_55860.jpg



WS view: concrete headwall and flapgate on levee slope.

LM Start	5.98	Rating **	U	Issue No.	37
LM End	6.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.793411 °	39.794580 °
				-121.887310 °	-121.886759 °
DWR ID	DWR_NA0003_01_s_2016_37				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Various overgrown vegetation completely obscuring landside toe visibility.					

Photo 1 of 1 : SP_2016_NA0003_64_37_20160506_00045.jpg



04/25/2016: Trim trees on L/S slope.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	6.08	Rating **	M	Issue No.	36
LM End	6.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.794708 °	39.794708 °	
			-121.886616 °	-121.886616 °	
DWR ID	DWR_NA0003_01_s_2016_36				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberry bramble.					

No Photos

LM Start	6.09	Rating **	U	Issue No.	35
LM End	6.13	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.794875 °	39.795179 °	
			-121.886394 °	-121.885835 °	
DWR ID	DWR_NA0003_01_s_2016_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Bamboo vegetation along landside toe blocking visibility.					

Photo 1 of 1 : SP_2016_NA0003_64_35_20160506_00044.jpg



04/25/2016: Trim vegetation at L/S toe.

LM Start	6.16	Rating **	M	Issue No.	34
LM End	6.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.795428 °	39.795428 °	
			-121.885306 °	-121.885306 °	
DWR ID	DWR_NA0003_01_s_2016_34				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Blackberry bramble on landside toe blocking visibility.					

Photo 1 of 1 : SP_2016_NA0003_64_34_20160506_00043.jpg



04/25/2016: Trim vegetation at L/S toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/25/2016 04/25/2016	Keith Millard

LM Start	6.36	Rating **	M	Issue No.	30
LM End	6.39	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.797714 °	39.797884 °	
			-121.883384 °	-121.882883 °	
DWR ID	DWR_NA0003_01_s_2016_30				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Willows and rosemary landscaping covering landside toe. Partially blocking visibility.					

Photo 1 of 1 : SP_2016_NA0003_64_30_20160506_00042.jpg



04/25/2016: Trim vegetation and trees on L/S slope.

LM Start	6.43	Rating **	U	Issue No.	28
LM End	6.47	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.798166 °	39.798492 °	
			-121.882236 °	-121.881722 °	
DWR ID	DWR_NA0003_01_s_2016_28				
Comment Code					
FE : Fence					
Inspector Comment					
6' high wooden fencing at landside toe.					

Photo 1 of 1 : SP_2016_NA0003_64_28_20160506_00041.jpg



04/25/2016: Fence blocking visibility and access at L/S toe.

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

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway	Bank	Unit Miles
Unit No. 02 Mud Creek	Left	7.96

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By				

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	30
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.733297 °	39.733297 °
				-121.930411 °	-121.930411 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41376 DS_ID:19248 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 1 of 2: Two 42-inch CM pipes through the levee, 16.0 feet below the crown. Flap gates on the waterward end. Slide gates in CM pipe riser on the waterward slope. Concrete "U" headwalls on both ends. Grouted riprap apron and rock revetment on the landward end. Channel Slough drainage structure. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

LM Start	0.00	Rating **	M	Issue No.	31
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.733280 °	39.733280 °
				-121.930409 °	-121.930409 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41377 DS_ID:19259 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 2 of 2: Two 42-inch CM pipes through the levee, 16.0 feet below the crown. Flap gates on the waterward end. Slide gates in CM pipe riser on the waterward slope. Concrete "U" headwalls on both ends. Grouted riprap apron and rock revetment on the landward end. Channel Slough drainage structure. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	0.23	Rating **	M	Issue No.	27
LM End	0.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.797416°	39.797416°
				-121.881675°	-121.881675°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31667 DS_ID:19234 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 6.6 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/11/2014					

Photo 1 of 2 : UCIP_SP_2016_31667_57968.jpg



WS view: CMP culvert with U type concrete headwall. Vegetation debris blocking outlet box.

LM Start	0.23	Rating **	M	Issue No.	27 (cont)
LM End	0.23	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_31667_57967.jpg



WS view: U type concrete headwall, pipe, and flapgate on levee slope. 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	1.26	Rating **	M	Issue No.	13
LM End	1.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.784062 °	39.784062 °
				-121.884344 °	-121.884344 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30403 DS_ID:19235 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through levee, 12.5 below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/24/2014					

No Photos

LM Start	1.46	Rating **	M	Issue No.	20
LM End	1.46	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.782980 °	39.782980 °
				-121.887834 °	-121.887834 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30743 DS_ID:19237 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/24/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	1.49	Rating **	U	Issue No.	3
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.782773 °	39.778972 °	
			-121.888178 °	-121.891563 °	
DWR ID	DWR_NA0003_02_s_2012_3				
Comment Code					
FE : Fence					
Inspector Comment					
The fence is within the easement.					

Photo 1 of 1 : SP_2016_NA0003_65_3_20160321_00002.jpg



View of the fence along the landside toe of the levee.

LM Start	1.49	Rating **	M	Issue No.	28
LM End	1.49	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.782766 °	39.782766 °	
			-121.888187 °	-121.888187 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41873 DS_ID:24803 EP_NO: 9874 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: May need to contact owner to determine status of crossing and install markers as appropriate. FIELD_STRUCT_DESC: A 6-inch gas main through both levees and channel of Mud Creek Downstream from old Highway 99E (Esplanade Road Bridge). (Permit No. 9874- PG and E) Indicator on landside toe. FS Date: 2/24/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	2.03	Rating **	M	Issue No.	29
LM End	2.03	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.776025 °	39.776025 °
				-121.892911 °	-121.892911 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41375 DS_ID:19238 EP_NO: 12619A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 24-inch CM pipe.- inlet and spillway may need cleaning and clearing. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. (App. 12619 - Vermillion). Replaced 24-inch pipe with 36-inch pipe. 3/79 (App.12619A) FS Date: 2/24/2014					

No Photos

LM Start	2.34	Rating **	M	Issue No.	21
LM End	2.34	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.772185 °	39.772185 °
				-121.895681 °	-121.895681 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30763 DS_ID:19239 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 CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/24/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	2.74	Rating **	M	Issue No.	22
LM End	2.74	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.768741 °	39.768741 °
				-121.901176 °	-121.901176 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30783 DS_ID:19240 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/24/2014					

No Photos

LM Start	2.80	Rating **	M	Issue No.	1
LM End	2.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.767841 °	39.767841 °
				-121.901534 °	-121.901534 °
DWR ID	DWR_NA0003_02_f_2013_1				
Comment Code					
MA : Material					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_65_1_20160321_00001.jpg



View of the tree stakes along the landside slope and toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	3.31	Rating **	M	Issue No.	5
LM End	3.31	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.763208 °	39.763208 °	
			-121.908517 °	-121.908517 °	
DWR ID	DWR_NA0003_02_f_2012_5				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_65_5_20160321_00003.jpg



View of the brush pile along landside toe.

LM Start	3.50	Rating **	M	Issue No.	23
LM End	3.50	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.760847 °	39.760847 °	
			-121.910265 °	-121.910265 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:30803 DS_ID:19241 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 6.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/24/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

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					
Repair the vehicle erosion along the landside slope.					

Photo 1 of 1 : SP_2016_NA0003_65_10_20160321_00006.jpg



View of the vehicle erosion along the landside slope.

LM Start	4.42	Rating **	M	Issue No.	11
LM End	4.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.751120 °	39.751120 °	
			-121.915977 °	-121.915977 °	
DWR ID	DWR_NA0003_02_f_2015_11				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Repair the rodent holes along the landside slope.					

Photo 1 of 1 : SP_2016_NA0003_65_11_20160321_00007.jpg



View of the rodent holes along the landside slope.

LM Start	4.55	Rating **	A/W	Issue No.	8
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.749639 °	39.749639 °	
			-121.917188 °	-121.917188 °	
DWR ID	DWR_NA0003_02_f_2013_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Butte County has been grouting the rodent holes.					

Photo 1 of 2 : SP_2016_NA0003_65_8_20160321_00004.jpg



View of the bait station placed by the rodent hole.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	4.55	Rating **	A/W	Issue No.	8 (cont)
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.749639 °	39.749639 °
				-121.917188 °	-121.917188 °
DWR ID	DWR_NA0003_02_f_2013_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Butte County has been grouting the rodent holes.					

Photo 2 of 2 : SP_2016_NA0003_65_8_20160321_00005.jpg



View of the bait station by the rodent holes.

LM Start	4.61	Rating **	M	Issue No.	24
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.748731 °	39.748731 °
				-121.917577 °	-121.917577 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31028 DS_ID:19245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

Photo 1 of 2 : UCIP_SP_2016_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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	4.61	Rating **	M	Issue No.	24 (cont)
LM End	4.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.748731 °	39.748731 °
				-121.917577 °	-121.917577 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31028 DS_ID:19245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

Photo 2 of 2 : UCIP_SP_2016_31028_56912.jpg



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

LM Start	5.64	Rating **	M	Issue No.	25
LM End	5.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.738898 °	39.738898 °
				-121.930242 °	-121.930242 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31031 DS_ID:19247 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	6.15	Rating **	M	Issue No.	26
LM End	6.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.732515 °	39.732515 °
				-121.930373 °	-121.930373 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31034 DS_ID:19249 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 12.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

LM Start	6.36	Rating **	M	Issue No.	12
LM End	6.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.729663 °	39.729663 °
				-121.931883 °	-121.931883 °
DWR ID	DWR_NA0003_02_f_2015_12				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside toe.					

Photo 1 of 1 : SP_2016_NA0003_65_12_20160321_00008.jpg



View of the prunings along the landside toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	6.43	Rating **	M	Issue No.	14
LM End	6.43	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.728812 °	39.728812 °
				-121.932623 °	-121.932623 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31085 DS_ID:19251 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 15.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

LM Start	6.94	Rating **	M	Issue No.	15
LM End	6.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.722798 °	39.722798 °
				-121.937828 °	-121.937828 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31103 DS_ID:19252 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing of debris. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 15.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	7.22	Rating **	M	Issue No.	17
LM End	7.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.718882 °	39.718882 °
				-121.937602 °	-121.937602 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32085 DS_ID:19253 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: Three 48-inch CM pipes through levee, 18.0 feet below crown. Flap gate on the waterward end. Slide gate in CMP riser on waterside shoulder. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

LM Start	7.23	Rating **	M	Issue No.	18
LM End	7.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.718862 °	39.718862 °
				-121.937594 °	-121.937594 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32086 DS_ID:19260 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: Three 48-inch CM pipes through levee, 18.0 feet below crown Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/25/2016 04/25/2016	Keith Millard

LM Start	7.23	Rating **	M	Issue No.	19
LM End	7.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.718849 °	39.718849 °
				-121.937580 °	-121.937580 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32087 DS_ID:19261 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: Three 48-inch CM pipes through levee, 18.0 feet below crown Flap gate on the waterward end. Slide gate in CMP riser on waterside shoulder. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

LM Start	7.77	Rating **	M	Issue No.	16
LM End	7.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.711436 °	39.711436 °
				-121.937135 °	-121.937135 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31129 DS_ID:19254 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 CM pipe through the levee, 18.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 2/25/2014					

No Photos

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

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway		Bank	Unit Miles
Unit No. 02A Channel Slough		Left	0.26

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By	Shawn Bates Butte County			

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/25/2016 04/25/2016	Keith Millard

LM Start	0.11	Rating **	A	Issue No.	3
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.734360 °	39.734360 °	
			-121.929461 °	-121.929461 °	
DWR ID	DWR_NA0003_02A_s_2016_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
4/25/2016: LMA is keeping grass and weeds off of levee slopes.					

No Photos

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

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway		Bank	Unit Miles
Unit No. 03 Sycamore and Sheep Hollow Creeks		Right	4.05

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By	Shawn Bates Butte County			

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

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_2016_NA0003_67_12_20160321_00002.jpg



View of the erosion on both slopes caused by motorcycle traffic.

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					
Repair the erosion on landside slope caused by motorcycle traffic.					

Photo 1 of 1 : SP_2016_NA0003_67_3_20160321_00001.jpg



View of the erosion caused by motorcycles on the land side slope.

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

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	0.10	Rating **	M	Issue No.	18
LM End	0.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.786195 °	39.786195 °
				-121.881325 °	-121.881325 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32103 DS_ID:19262 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate in CMP riser on waterside. The culvert was working during field inspection. FIELD_STRUCT_DESC: 42-inch CM pipe through the levee, 14 feet below the crown. Flap gate on the waterward end. Slid gate in CM riser on the waterward slope. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/11/2014					

LM Start	0.10	Rating **	M	Issue No.	18 (cont)
LM End	0.10	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_32103_58602.jpg



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

Photo 2 of 2 : UCIP_SP_2016_32103_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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	1.96	Rating **	M	Issue No.	19
LM End	1.96	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.781714 °	39.781714 °	
			-121.850868 °	-121.850868 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31900 DS_ID:19266 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs location confirmation, GPS reading has not taken due to access problem. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 8.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/11/2014					

Photo 1 of 1 : UCIP_SP_2016_31900_58189.jpg



Bird's eye view: concrete headwall visible on both sides of the levee. Grouted riprap spillway on waterside.

LM Start	2.17	Rating **	M	Issue No.	16
LM End	2.17	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.785290 °	39.785290 °	
			-121.844235 °	-121.844235 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32124 DS_ID:19267 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 CM pipe through the levee, 6.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on each end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_32124_58625.jpg



WS view: concrete headwall, pipe, and flapgate on levee slope. Vegetation and 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	2.17	Rating **	M	Issue No.	16 (cont)
LM End	2.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.785290 °	39.785290 °
				-121.844235 °	-121.844235 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32124 DS_ID:19267 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 CM pipe through the levee, 6.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on each end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 2 of 2 : UCIP_SP_2016_32124_58624.jpg



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

LM Start	2.22	Rating **	M	Issue No.	21
LM End	2.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.785917 °	39.785917 °
				-121.844502 °	-121.844502 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41872 DS_ID:19268 EP_NO: 14512 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing and install gasoline markers if appropriate. FIELD_STRUCT_DESC: 6-inch steel gas pipeline through the levee, 2 feet below the crown. Paddle marker on landward slope. (Permit No. 14512) FS Date: 3/7/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	3.08	Rating **	M	Issue No.	20
LM End	3.08	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.778016 °	39.778016 °
				-121.854460 °	-121.854460 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31901 DS_ID:19269 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_31901_58194.jpg



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

LM Start	3.08	Rating **	M	Issue No.	20 (cont)
LM End	3.08	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_31901_58193.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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	3.34	Rating **	M	Issue No.	14
LM End	3.34	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.777410 °	39.777410 °	
			-121.849627 °	-121.849627 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31864 DS_ID:19271 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_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.

LM Start	3.34	Rating **	M	Issue No.	14 (cont)
LM End	3.34	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_31864_58068.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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	3.50	Rating **	M	Issue No.	13
LM End	3.50	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777139 °	39.777139 °
				-121.846769 °	-121.846769 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31856 DS_ID:19272 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 9.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_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.	13 (cont)
LM End	3.50	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	3.65	Rating **	M	Issue No.	15
LM End	3.65	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.777381 °	39.777381 °	
			-121.844052 °	-121.844052 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31851 DS_ID:19273 EP_NO: 14512 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: A 6-inch steel pipe attached to the Cohasset Road Bridge. Not confirmed whether this is a gasoline pipe. FIELD_STRUCT_DESC: 6-inch gas steel pipeline through the levee, 2 feet below the crown. (App. 14512 PG&E, 11/86) FS Date: 3/7/2014					

Photo 1 of 1 : UCIP_SP_2016_31851_58041.jpg



WS view: 6-inch steel pipe attached to Cohasset Road Bridge. Needs confirmation from LMA whether this is a gasoline.

LM Start	3.68	Rating **	M	Issue No.	17
LM End	3.68	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.777662 °	39.777662 °	
			-121.843489 °	-121.843489 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32125 DS_ID:19275 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 CM pipe through the levee, 7.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/4/2014					

Photo 1 of 2 : UCIP_SP_2016_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.

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

Levee Inspection Report By Mile - Spring 2016

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	04/25/2016 04/25/2016	Keith Millard

LM Start	3.68	Rating **	M	Issue No.	17 (cont)
LM End	3.68	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777662 °	39.777662 °
				-121.843489 °	-121.843489 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32125 DS_ID:19275 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 CM pipe through the levee, 7.5 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/4/2014					

Photo 2 of 2 : UCIP_SP_2016_32125_58628.jpg



LS view: U type concrete headwall and pipe on levee slope. Soil/mud on inlet box. Vegetation debris blocking 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway		Bank	Unit Miles
Unit No. 04 Sycamore and Dry Creeks		Right	2.86

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By	Shawn Bates Butte County			

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.27	Rating **	M	Issue No.	30
LM End	0.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.776554 °	39.776554 °
				-121.850730 °	-121.850730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32026 DS_ID:19279 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 10.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_32026_58520.jpg



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

LM Start	0.27	Rating **	M	Issue No.	30 (cont)
LM End	0.27	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_32026_58519.jpg



WS view: U type concrete headwall and CMP on levee slope. Mud and 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.33	Rating **	M	Issue No.	29
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.775926°	39.775926°
				-121.850647°	-121.850647°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32025 DS_ID:19280 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate in a CMP riser. Vegetation debris and mud on inlet box.Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee and under the channel, 9.5 feet below the crown. Slide gate in CM pipe riser on the waterward slope. Concrete "U" headwall on the landward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_32025_58512.jpg



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

LM Start	0.33	Rating **	M	Issue No.	29 (cont)
LM End	0.33	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_32025_58511.jpg



WS view: inside view of slide gate in CMP riser on waterside shoulder. Debris trapped in the riser.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.35	Rating **	M	Issue No.	28
LM End	0.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.775682°	39.775682°
				-121.850375°	-121.850375°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32023 DS_ID:19281 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 8.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_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.

LM Start	0.35	Rating **	M	Issue No.	28 (cont)
LM End	0.35	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_32023_58504.jpg



LS view: U type concrete headwall and CMP on levee slope. Pebbles and 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.71	Rating **	U	Issue No.	27
LM End	0.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.772907 °	39.772907 °
				-121.845949 °	-121.845949 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31968 DS_ID:19284 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate missing. Pipe support needs to be repaired. Needs cleaning and clearing the pipe outlet. FIELD_STRUCT_DESC: 12-inch CM pipe through the patrol road, 4.3 feet below the crown. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_31968_58407.jpg



WS view: CM outfall drain pipe on levee slope.

LM Start	0.71	Rating **	U	Issue No.	27 (cont)
LM End	0.71	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_31968_58406.jpg



WS view: close view of CM outfall drain pipe with vegetation debris covered.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.92	Rating **	M	Issue No.	20
LM End	0.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.775704 °	39.775704 °
				-121.850901 °	-121.850901 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32143 DS_ID:19287 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 9.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_32143_58641.jpg



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

LM Start	0.92	Rating **	M	Issue No.	20 (cont)
LM End	0.92	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_32143_58640.jpg



LS view: U type concrete headwall and CMP on levee slope. Vegetation and 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.92	Rating **	M	Issue No.	22
LM End	0.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.775729 °	39.775729 °
				-121.850950 °	-121.850950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31946 DS_ID:19293 EP_NO: 15950 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only little gasline indicator flags found on both sides of the levee and across the creek. FIELD_STRUCT_DESC: 6-inch-diameter high pressure gas main line under both levees and across channel of Dry Creek. 2 feet below the crown. Application No. 15950, 1992. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_31946_58357.jpg



WS view: little gasline indicator (yellow flags) on both sides of the levee.

LM Start	0.92	Rating **	M	Issue No.	22 (cont)
LM End	0.92	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_31946_58356.jpg



WS view: close up view of little gasline indicator.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.94	Rating **	M	Issue No.	21
LM End	0.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.775899 °	39.775899 °
				-121.851124 °	-121.851124 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32144 DS_ID:19288 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate in CMP riser on waterside. No access to CMP riser. Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee and under the channel, 9.5 feet below the crown. Slide gate in pipe riser on the waterward slope. Concrete "U" headwall on the landward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_32144_58644.jpg



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

LM Start	0.94	Rating **	M	Issue No.	21 (cont)
LM End	0.94	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_32144_58643.jpg



LS view: close view of vegetation debris and 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	0.94	Rating **	U	Issue No.	1
LM End	1.01	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.776013 °	39.776595 °	
			-121.851175 °	-121.852005 °	
DWR ID	DWR_NA0003_04_s_2012_1				
Comment Code					
FE : Fence					
Inspector Comment					
Chainlink fences are unpermitted.					

Photo 1 of 1 : SP_2016_NA0003_68_1_20160321_00001.jpg



View of the fence and trees along the landside toe of the levee.

LM Start	1.11	Rating **	M	Issue No.	23
LM End	1.11	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.776709 °	39.776709 °	
			-121.853932 °	-121.853932 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31963 DS_ID:19289 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_31963_58384.jpg



WS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud on outlet box. 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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	1.11	Rating **	M	Issue No.	23 (cont)
LM End	1.11	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.776709 °	39.776709 °
				-121.853932 °	-121.853932 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31963 DS_ID:19289 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 2 of 2 : UCIP_SP_2016_31963_58383.jpg



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

LM Start	1.11	Rating **	U	Issue No.	3
LM End	1.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.776760 °	39.777650 °
				-121.854022 °	-121.855687 °
DWR ID	DWR_NA0003_04_s_2012_3				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_68_3_20160321_00003.jpg



View of the fence along the L/S toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	1.16	Rating **	M	Issue No.	17
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.777128 °	39.777580 °	
			-121.854763 °	-121.855612 °	
DWR ID	DWR_NA0003_04_f_2015_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Remove the trees that are overhanging the levee slope.					

Photo 1 of 1 : SP_2016_NA0003_68_17_20160321_00004.jpg



View of the trees overhanging the levee slope.

LM Start	1.27	Rating **	M	Issue No.	2
LM End	1.36	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.778003 °	39.778378 °	
			-121.856403 °	-121.857953 °	
DWR ID	DWR_NA0003_04_s_2012_2				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0003_68_2_20160321_00002.jpg



View of ditch at the landside toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	1.35	Rating **	M	Issue No.	24
LM End	1.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.778370 °	39.778370 °
				-121.857904 °	-121.857904 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31964 DS_ID:19290 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 13.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_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.

LM Start	1.35	Rating **	M	Issue No.	24 (cont)
LM End	1.35	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_31964_58388.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
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	2.04	Rating **	U	Issue No.	18
LM End	2.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.781669 °	39.782025 °
				-121.869804 °	-121.870252 °
DWR ID	DWR_NA0003_04_s_2016_18				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees and shrubbery obscure visibility on landside toe hinge point.					

Photo 1 of 1 : SP_2016_NA0003_68_18_20160506_00035.jpg



04/25/2016: Trim vegetation on fence at L/S toe.

LM Start	2.15	Rating **	M	Issue No.	25
LM End	2.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.782777 °	39.782777 °
				-121.871179 °	-121.871179 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31965 DS_ID:19291 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_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.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	2.15	Rating **	M	Issue No.	25 (cont)
LM End	2.15	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.782777 °	39.782777 °
				-121.871179 °	-121.871179 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31965 DS_ID:19291 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwall on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 2 of 2 : UCIP_SP_2016_31965_58394.jpg



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

LM Start	2.33	Rating **	M	Issue No.	19
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.783140 °	39.783460 °
				-121.874431 °	-121.875205 °
DWR ID	DWR_NA0003_04_s_2016_19				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Moderate vegetation obscuring landside toe.					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/25/2016 04/25/2016	Keith Millard

LM Start	2.47	Rating **	M	Issue No.	26
LM End	2.47	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.784244 °	39.784244 °
				-121.876810 °	-121.876810 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:31966 DS_ID:19292 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Needs cleaning and clearing the culvert. FIELD_STRUCT_DESC: 24-inch CM pipe through levee, 11.0 feet below the crown. Flap gate on the waterward end. Concrete "U" headwalls on both ends. Grouted riprap apron on the landward end. Grouted riprap spillway on the waterward end. O&M Manual Sac 504, May 1965. FS Date: 3/7/2014					

Photo 1 of 2 : UCIP_SP_2016_31966_58401.jpg



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

LM Start	2.47	Rating **	M	Issue No.	26 (cont)
LM End	2.47	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_31966_58400.jpg



WS view: U type concrete headwall and CMP on levee slope. Vegetation debris and mud on outlet box. 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
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Butte County Department of Public Works

Waterway	Bank	Unit Miles
Unit No. 05 Big Chico Diversion	Left	1.85

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/25/2016 - 4/25/2016			
DWR Inspector	Keith Millard			
Accompanied By	Shawn Bates Butte County			

Summer & Winter Inspections

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

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

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

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

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/25/2016 04/25/2016	Keith Millard

LM Start	0.21	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.761957 °	39.761892 °
				-121.792867 °	-121.793705 °
DWR ID	DWR_NA0003_05_f_2014_4				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the waterside slope.					

Photo 1 of 2 : SP_2016_NA0003_69_4_20160321_00003.jpg



View of the vegetation along the waterside slope.

LM Start	0.21	Rating **	M	Issue No.	4 (cont)
LM End	0.26	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2016_NA0003_69_4_20160321_00004.jpg



View of the vegetation along the waterside slope.

LM Start	0.25	Rating **	M	Issue No.	7
LM End	0.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.761900 °	39.761900 °
				-121.793635 °	-121.793635 °
DWR ID	DWR_NA0003_05_f_2015_7				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the trees overhanging the waterside slope.					

Photo 1 of 1 : SP_2016_NA0003_69_7_20160321_00006.jpg



View of the trees along the waterside slope.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/25/2016 04/25/2016	Keith Millard

LM Start	0.26	Rating **	M	Issue No.	8
LM End	0.26	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.761795 °	39.761795 °	
			-121.793790 °	-121.793790 °	
DWR ID	DWR_NA0003_05_f_2015_8				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the trees from the landside toe.					

Photo 1 of 1 : SP_2016_NA0003_69_8_20160321_00007.jpg



View of the trees along the landside toe.

LM Start	0.34	Rating **	M	Issue No.	3
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.761633 °	39.761117 °	
			-121.795155 °	-121.796464 °	
DWR ID	DWR_NA0003_05_f_2013_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the vegetation from the landside slope and toe.					

Photo 1 of 2 : SP_2016_NA0003_69_3_20160321_00001.jpg



View of the vegetation along the landside slope and toe

LM Start	0.34	Rating **	M	Issue No.	3 (cont)
LM End	0.42	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2016_NA0003_69_3_20160321_00002.jpg



View of the vegetation along the landside slope and toe.

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/25/2016 04/25/2016	Keith Millard

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					
Elderberry is not completely blocking the visibility.					

Photo 1 of 1 : SP_2016_NA0003_69_6_20160321_00005.jpg



View of the elderberry along the landside toe.

LM Start	1.34	Rating **	M	Issue No.	10
LM End	1.34	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.769761 °	39.769761 °	
			-121.808152 °	-121.808152 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41440 DS_ID:19300 EP_NO: 13368 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No marker or indicator found. FIELD_STRUCT_DESC: 15-inch concrete sewer line through the levee and Big Chico Diversion channel, 3 feet below the channel. (App. 13368 - Chico Sewer District) FS Date: 3/4/2014					

No Photos

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

Levee Inspection Report By Mile - Spring 2016

Butte County Department of Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/25/2016 04/25/2016	Keith Millard

LM Start	1.55	Rating **	U	Issue No.	9
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.772079 °	39.772079 °	
			-121.810571 °	-121.810571 °	
DWR ID	DWR_NA0003_05_s_2016_9				
Comment Code					
UR : Urban					
Inspector Comment					
Landside levee was graded vertically for new road for housing development. Approximately 50' cut for construction of curb and gutter. 4' vertical and rebar exposed for future concrete work.					

Photo 1 of 1 : SP_2016_NA0003_69_9_20160506_00008.jpg



04/25/2016: Construction cut into L/S slope.

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