

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2015 Levee Inspection Results**

**Butte County Department of Public Works**

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	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 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

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				
Action/Comments					
Inspector Comments: 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				
Action/Comments					
Inspector Comments: 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				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>1.02</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

LM Start	<b>1.29</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>1.29</b>	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				
Action/Comments					
Firewood					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_23\_20150310\_00006.jpg



View of the firewood along the landside toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.69</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>1.69</b>	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				
Action/Comments					
Firewood					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_15\_20150310\_00004.jpg



View of the firewood along the landside toe.

LM Start	<b>1.72</b>	Rating **	A	Issue No.	<b>30</b>
LM End	<b>1.72</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.746040 °	39.746040 °	
			-121.922710 °	-121.922710 °	
DWR ID	DWR_NA0003_01_s_2015_30				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_30\_20150428\_00012.jpg



View of the levee with no grass on both slope.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.94</b>	Rating **	U	Issue No.	<b>33</b>
LM End	<b>1.94</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

LM Start	<b>2.00</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>2.04</b>	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				
Action/Comments					
Fence					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_3\_20150310\_00002.jpg



View of the fences along the L/S toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>2.10</b>	Rating **	U	Issue No.	<b>24</b>
LM End	<b>2.10</b>	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				
Action/Comments					
Building					

No Photos

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>2.25</b>	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				
Action/Comments					
Fence					

No Photos

LM Start	<b>2.60</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>2.60</b>	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				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_26\_20150310\_00008.jpg



View of the prunings along the landside toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.02</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>3.02</b>	Issue Type +	Ma	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				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_25\_20150310\_00007.jpg



View of the prunings along the landside toe.

LM Start	<b>3.11</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>3.11</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

LM Start	<b>3.15</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>3.15</b>	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				
Action/Comments					
Prunings Inspector Comments: Remove the prunings from the landside slope.					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_31\_20150428\_00013.jpg



View of the prunings along the landside slope.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.48</b>	Rating **	M	Issue No.	<b>37</b>
LM End	<b>3.48</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

LM Start	<b>3.90</b>	Rating **	C	Issue No.	<b>28</b>
LM End	<b>3.90</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.770502 °	39.770502 °
				-121.901200 °	-121.901200 °
DWR ID	DWR_NA0003_01_f_2014_28				
Action/Comments					
Prunings					

No Photos

LM Start	<b>4.03</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>4.03</b>	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				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_29\_20150310\_00011.jpg



View of the prunings along the landside toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>4.46</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>4.46</b>	Issue Type +	Ma	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				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_21\_20150310\_00005.jpg



View of the brush pile along landside toe.

LM Start	<b>4.57</b>	Rating **	M	Issue No.	<b>39</b>
LM End	<b>4.57</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>4.79</b>	Rating **	A/W	Issue No.	<b>13</b>
LM End	<b>4.79</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.780068 °	39.780068 °
				-121.891469 °	-121.891469 °
DWR ID	DWR_NA0003_01_s_2013_13				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_64\_13\_20150310\_00003.jpg



The landowner burned the pruning pile.

LM Start	<b>4.93</b>	Rating **	M	Issue No.	<b>40</b>
LM End	<b>4.93</b>	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					
Action/Comments					
Inspector Comments: 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: 02/20/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>5.19</b>	Rating **	M	Issue No.	<b>41</b>
LM End	<b>5.19</b>	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					
<b>Action/Comments</b>					
Inspector Comments: 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: 02/20/2014					

No Photos

LM Start	<b>5.43</b>	Rating **	M	Issue No.	<b>42</b>
LM End	<b>5.43</b>	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					
<b>Action/Comments</b>					
Inspector Comments: 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: 02/24/2014					

No Photos

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

**Unit Cover Sheet**

**Spring 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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
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If additional items are noted, further documentation of those items must also be submitted.

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*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 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.28</b>	Rating **	M	Issue No.	<b>9</b>
LM End	<b>0.28</b>	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					
Action/Comments					
Inspector Comments: 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: 03/11/2014					

No Photos

LM Start	<b>1.49</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>1.81</b>	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				
Action/Comments					
Fence					

Photo 1 of 1 : SP\_2015\_NA0003\_65\_3\_20150310\_00002.jpg



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

LM Start	<b>2.80</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>2.80</b>	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				
Action/Comments					
Material					

Photo 1 of 1 : SP\_2015\_NA0003\_65\_1\_20150310\_00001.jpg



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

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.31</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>3.31</b>	Issue Type +	Ma	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				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_65\_5\_20150310\_00003.jpg



View of the brush pile along landside toe.

LM Start	<b>4.55</b>	Rating **	A/W	Issue No.	<b>8</b>
LM End	<b>4.55</b>	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				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP\_2015\_NA0003\_65\_8\_20150428\_00010.jpg



View of the bait station placed by the rodent hole.

LM Start	<b>5.85</b>	Rating **	A/W	Issue No.	<b>7</b>
LM End	<b>5.85</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.736652 °	39.736652 °	
			-121.932053 °	-121.932053 °	
DWR ID	DWR_NA0003_02_s_2013_7				
Action/Comments					
Prunings					

Photo 1 of 1 : SP\_2015\_NA0003\_65\_7\_20150310\_00004.jpg



View of the removed prunings from the landside toe.

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

**Unit Cover Sheet**

**Spring 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.09</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.09</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.734145 °	39.734145 °
				-121.929565 °	-121.929565 °
DWR ID	DWR_NA0003_02A_s_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0003\_66\_17\_20150428\_00001.jpg



View of the levee with no grass on both slopes.

LM Start	<b>1.33</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>1.33</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.53</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>1.53</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

LM Start	<b>1.56</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>1.56</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>2.11</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>2.11</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

LM Start	<b>2.43</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>2.43</b>	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					
Action/Comments					
Inspector Comments: FS_ID:30763 DS_ID:19239 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Debris in landside inlet areaNeeds 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: 02/24/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>2.84</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>2.84</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

LM Start	<b>3.62</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>3.62</b>	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					
Action/Comments					
Inspector Comments: 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: 02/24/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>4.77</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>4.77</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

LM Start	<b>5.82</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>5.82</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>6.29</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>6.29</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

LM Start	<b>6.29</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>6.29</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>6.34</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>6.34</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

LM Start	<b>6.64</b>	Rating **	M	Issue No.	<b>30</b>
LM End	<b>6.64</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>7.15</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>7.15</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

LM Start	<b>7.45</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>7.45</b>	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					
Action/Comments					
Inspector Comments: 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 should 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: 02/25/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>8.00</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>8.00</b>	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					
Action/Comments					
Inspector Comments: 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: 02/25/2014					

No Photos

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

**Unit Cover Sheet**

**Spring 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.07</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.07</b>	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : SP\_2015\_NA0003\_67\_3\_20150310\_00001.jpg



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

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>13</b>
LM End	<b>0.08</b>	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					
Action/Comments					
Inspector Comments: 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: 03/11/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.34</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>1.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.779442 °	39.779442 °
				-121.861035 °	-121.861035 °
DWR ID	DWR_NA0003_03_s_2015_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0003\_67\_12\_20150428\_00002.jpg



View of the levee with no grass on both slopes.

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>14</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.781714 °	39.781714 °
				-121.850868 °	-121.850868 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/11/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>15</b>
LM End	<b>2.22</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.785290 °	39.785290 °
				-121.844235 °	-121.844235 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>2.27</b>	Rating **	M	Issue No.	<b>16</b>
LM End	<b>2.27</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.785917 °	39.785917 °
				-121.844502 °	-121.844502 °
DWR ID					
Action/Comments					
Inspector Comments: 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 gasline 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.14</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>3.14</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.778016 °	39.778016 °
				-121.854460 °	-121.854460 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>3.41</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>3.41</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777410 °	39.777410 °
				-121.849627 °	-121.849627 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.57</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>3.57</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777139 °	39.777139 °
				-121.846769 °	-121.846769 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>3.72</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>3.72</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777381 °	39.777381 °
				-121.844052 °	-121.844052 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**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	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>3.76</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>3.76</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.777662 °	39.777662 °
				-121.843489 °	-121.843489 °
DWR ID					
Action/Comments					
Inspector Comments: 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: 03/04/2014					

No Photos

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

**Unit Cover Sheet**

**Spring 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.28</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>0.28</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>0.34</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>0.34</b>	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					
Action/Comments					
Inspector Comments: FS_ID:32025 DS_ID:19280 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Slide gate in a CMP rise/vegetation debris and mud on inlet boNeeds 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.37</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>0.37</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>0.75</b>	Rating **	U	Issue No.	<b>21</b>
LM End	<b>0.75</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.94</b>	Rating **	U	Issue No.	<b>1</b>
LM End	<b>1.01</b>	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				
Action/Comments					
Fence					

Photo 1 of 1 : SP\_2015\_NA0003\_68\_1\_20150310\_00001.jpg



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

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>22</b>
LM End	<b>0.96</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.96</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>0.96</b>	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					
Action/Comments					
Inspector Comments: FS_ID:31946 DS_ID:19293 EP_NO: 15950 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only little gasoline 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: 03/07/2014					

No Photos

LM Start	<b>0.98</b>	Rating **	M	Issue No.	<b>24</b>
LM End	<b>0.98</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.11</b>	Rating **	U	Issue No.	<b>3</b>
LM End	<b>1.22</b>	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				
Action/Comments					
Fence					

Photo 1 of 1 : SP\_2015\_NA0003\_68\_3\_20150310\_00003.jpg



View of the fence along the L/S toe.

LM Start	<b>1.15</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>1.15</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>1.36</b>	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				
Action/Comments					
Ditch					

Photo 1 of 1 : SP\_2015\_NA0003\_68\_2\_20150310\_00002.jpg



View of AG ditch at the L/S toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>1.40</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>1.40</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>1.60</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>1.60</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.778717 °	39.778717 °	
			-121.862483 °	-121.862483 °	
DWR ID	DWR_NA0003_04_s_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0003\_68\_17\_20150428\_00004.jpg



View of the levee with no grass on both slopes.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>2.22</b>	Rating **	M	Issue No.	<b>27</b>
LM End	<b>2.22</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

LM Start	<b>2.55</b>	Rating **	M	Issue No.	<b>28</b>
LM End	<b>2.55</b>	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					
Action/Comments					
Inspector Comments: 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: 03/07/2014					

No Photos

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

**Unit Cover Sheet**

**Spring 2015 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	04/21/2015 - 04/21/2015			
DWR Inspector	Bob Duffey			
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 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/21/2015 04/21/2015	Bob Duffey

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.26</b>	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				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the vegetation from the waterside slope.					

Photo 1 of 1 : SP\_2015\_NA0003\_69\_4\_20150428\_00004.jpg



View of the vegetation along the waterside slope.

LM Start	<b>0.34</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.42</b>	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				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the vegetation from the landside slope and toe.					

Photo 1 of 1 : SP\_2015\_NA0003\_69\_3\_20150428\_00005.jpg



View of the vegetation along the landside slope and toe

LM Start	<b>0.89</b>	Rating **	A/W	Issue No.	<b>6</b>
LM End	<b>0.89</b>	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				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_NA0003\_69\_6\_20150310\_00003.jpg



View of the elderberry along the landside toe.

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

**Levee Inspection Report By Mile - Spring 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	04/21/2015 04/21/2015	Bob Duffey

LM Start	1.35	Rating **	M	Issue No.	7
LM End	1.35	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					
Action/Comments					
Inspector Comments: 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: 03/04/2014					

No Photos

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