

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Butte County Department of Public Works**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	6.80	11/17/2015 11/17/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	<b>2</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
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.	<b>6</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
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.	<b>10</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
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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Unit No. 01 Mud Creek	Right	6.80	11/17/2015 11/17/2015	Bob Duffey

LM Start	<b>4.27</b>	Rating **	M	Issue No.	<b>33</b>
LM End	<b>4.27</b>	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				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Repair the rodent holes along the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0003\_64\_33\_20151118\_00018.jpg



View of the rodent holes along the landside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	11/17/2015 11/17/2015	Bob Duffey

LM Start	<b>2.57</b>	Rating **	A	Issue No.	<b>9</b>
LM End	<b>2.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.770788 °	39.770788 °	
			-121.899552 °	-121.899552 °	
DWR ID	DWR_NA0003_02_f_2015_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Butte County sprayed and dragged both slope.					

Photo 1 of 1 : FA\_2015\_NA0003\_65\_9\_20151118\_00006.jpg



View of the no vegetation on both slopes.

LM Start	<b>3.52</b>	Rating **	M	Issue No.	<b>10</b>
LM End	<b>3.52</b>	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the vehicle erosion along the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0003\_65\_10\_20151118\_00007.jpg



View of the vehicle erosion along the landside slope.

LM Start	<b>4.42</b>	Rating **	M	Issue No.	<b>11</b>
LM End	<b>4.42</b>	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				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Repair the rodent holes along the landside slope.					

Photo 1 of 1 : FA\_2015\_NA0003\_65\_11\_20151118\_00008.jpg



View of the rodent holes along the landside slope.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	7.96	11/17/2015 11/17/2015	Bob Duffey

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. Inspector Comments: Butte County has been grouting the rodent holes.					

Photo 1 of 2 : FA\_2015\_NA0003\_65\_8\_20150910\_00005.jpg



View of the bait station placed by the rodent hole.

LM Start	<b>4.55</b>	Rating **	A/W	Issue No.	<b>8 (cont)</b>
LM End	<b>4.55</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0003\_65\_8\_20151118\_00009.jpg



View of the bait station by the rodent holes.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.26	11/17/2015 11/17/2015	Bob Duffey

LM Start	<b>0.11</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.734465 °	39.734465 °	
			-121.929417 °	-121.929417 °	
DWR ID	DWR_NA0003_02A_f_2015_17				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Butte County sprayed and dragged both slopes.					

Photo 1 of 1 : FA\_2015\_NA0003\_66\_17\_20151118\_00001.jpg



View of no vegetation 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.05	09/22/2015 09/22/2015	Bob Duffey

LM Start	<b>0.02</b>	Rating **	M	Issue No.	<b>12</b>
LM End	<b>0.02</b>	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				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the erosion on both slopes caused by motorcycle traffic.					

Photo 1 of 1 : FA\_2015\_NA0003\_67\_12\_20151013\_00002.jpg



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

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. Inspector Comments: Repair the erosion on landside slope caused by motorcycle traffic.					

Photo 1 of 1 : FA\_2015\_NA0003\_67\_3\_20150910\_00001.jpg



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

LM Start	<b>1.11</b>	Rating **	A	Issue No.	<b>13</b>
LM End	<b>1.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.780317 °	39.780317 °	
			-121.865255 °	-121.865255 °	
DWR ID	DWR_NA0003_03_f_2015_13				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Butte Co. sprayed and dragged both slopes.					

Photo 1 of 1 : FA\_2015\_NA0003\_67\_13\_20151013\_00004.jpg



View of both slopes with acceptable vegetation.

<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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.86	09/22/2015 09/22/2015	Bob Duffey

LM Start	<b>1.16</b>	Rating **	M	Issue No.	<b>17</b>
LM End	<b>1.22</b>	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				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: Remove the trees that are overhanging the levee slope.					

Photo 1 of 1 : FA\_2015\_NA0003\_68\_17\_20151013\_00004.jpg



View of the trees overhanging the levee slope.

LM Start	<b>1.62</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>1.62</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.778842 °	39.778842 °	
			-121.862935 °	-121.862935 °	
DWR ID	DWR_NA0003_04_f_2015_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Butte Co. sprayed and dragged oh slopes.					

Photo 1 of 1 : FA\_2015\_NA0003\_68\_18\_20151013\_00005.jpg



View of the slope with acceptable vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	09/23/2015 09/23/2015	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 2 : FA\_2015\_NA0003\_69\_4\_20150910\_00002.jpg



View of the vegetation along the waterside slope.

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

Photo 2 of 2 : FA\_2015\_NA0003\_69\_4\_20151013\_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 2 : FA\_2015\_NA0003\_69\_3\_20150910\_00001.jpg



View of the vegetation along the landside slope and 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	09/23/2015 09/23/2015	Bob Duffey

LM Start	<b>0.34</b>	Rating **	M	Issue No.	<b>3 (cont)</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 2 of 2 : FA\_2015\_NA0003\_69\_3\_20151013\_00008.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. Inspector Comments: Elderberry is not completely blocking the visibility.					

Photo 1 of 1 : FA\_2015\_NA0003\_69\_6\_20150910\_00003.jpg



View of the elderberry along the landside toe.

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