

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, 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

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Mud Creek	Right	6.80	04/21/2015 04/21/2015	Bob Duffey

LM Start	1.72	Rating **	A	Issue No.	30
LM End	1.72	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.

LM Start	2.93	Rating **	M	Issue No.	1
LM End	2.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.759755 °	39.759755 °	
			-121.911160 °	-121.911160 °	
DWR ID	DWR_NA0003_01_s_2012_1				
Action/Comments					
Prunings					

Photo 1 of 1 : SP_2015_NA0003_64_1_20150310_00001.jpg



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

LM Start	3.02	Rating **	M	Issue No.	25
LM End	3.02	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.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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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	3.31	Rating **	M	Issue No.	5
LM End	3.31	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	4.55	Rating **	A/W	Issue No.	8
LM End	4.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.749639 °	39.749639 °	
			-121.917188 °	-121.917188 °	
DWR ID	DWR_NA0003_02_f_2013_8				
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.

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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	0.09	Rating **	A	Issue No.	17
LM End	0.09	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.

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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	0.07	Rating **	M	Issue No.	3
LM End	0.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.786068 °	39.786068 °	
			-121.881828 °	-121.881828 °	
DWR ID	DWR_NA0003_03_s_2012_3				
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	1.34	Rating **	A	Issue No.	12
LM End	1.34	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.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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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	1.60	Rating **	A	Issue No.	17
LM End	1.60	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.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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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	0.21	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.761957 °	39.761892 °	
			-121.792867 °	-121.793705 °	
DWR ID	DWR_NA0003_05_f_2014_4				
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	0.34	Rating **	M	Issue No.	3
LM End	0.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.761633 °	39.761117 °	
			-121.795155 °	-121.796464 °	
DWR ID	DWR_NA0003_05_f_2013_3				
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	0.89	Rating **	A/W	Issue No.	6
LM End	0.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.764397 °	39.764397 °	
			-121.803335 °	-121.803335 °	
DWR ID	DWR_NA0003_05_f_2014_6				
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.

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