

**Flood Control Project Maintenance
Levee Inspections**

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	16
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_LD0003_01_s_2013_16				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	17
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_LD0003_01_s_2013_17				
Action/Comments					
Inspector Comments: The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	18
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_LD0003_01_s_2013_18				
Action/Comments					
Inspector Comments: The LMA has completed flood fight training in the past.					

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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	0.56	Rating **	M	Issue No.	23
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.389390 °	39.389219 °	
			-121.995539 °	-121.996854 °	
DWR ID	DWR_LD0003_01_s_2012_23				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.69	Rating **	M	Issue No.	55
LM End	0.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388716 °	39.388716 °	
			-121.997774 °	-121.997774 °	
DWR ID	DWR_LD0003_01_s_2014_55				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0003_27_55_20150910_00025.jpg



View of the rodent activity along the w/s slope.

LM Start	0.71	Rating **	U	Issue No.	3
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388578 °	39.388323 °	
			-121.997987 °	-121.998727 °	
DWR ID	DWR_LD0003_01_s_2012_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0003_27_3_20150910_00002.jpg



View of squirrel holes along the slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	0.78	Rating **	M	Issue No.	44
LM End	0.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.388440 °	39.388440 °	
			-121.999175 °	-121.999175 °	
DWR ID	DWR_LD0003_01_f_2015_44				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the waterside slope damage caused by vehicle traffic.					

Photo 1 of 1 : FA_2015_LD0003_27_44_20151118_00049.jpg



View of the vehicle erosion along the waterside slope.

LM Start	0.79	Rating **	M	Issue No.	49
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.388508 °	39.388508 °	
			-121.999407 °	-121.999407 °	
DWR ID	DWR_LD0003_01_f_2015_49				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the landside slope damaged by vehicle traffic.					

Photo 1 of 1 : FA_2015_LD0003_27_49_20151118_00050.jpg



View of the landside slope erosion caused by vehicle traffic.

LM Start	0.81	Rating **	U	Issue No.	51
LM End	0.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.388690 °	39.389867 °	
			-121.999820 °	-122.000585 °	
DWR ID	DWR_LD0003_01_f_2015_51				
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_LD0003_27_51_20151118_00051.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	0.82	Rating **	M	Issue No.	67
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.388725 °	39.388725 °	
			-121.999870 °	-121.999870 °	
DWR ID	DWR_LD0003_01_f_2013_67				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA_2015_LD0003_27_67_20150910_00033.jpg



View of the elderberries along the landside toe.

LM Start	1.21	Rating **	M	Issue No.	52
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.394010 °	39.394010 °	
			-122.000977 °	-122.000977 °	
DWR ID	DWR_LD0003_01_f_2015_52				
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_LD0003_27_52_20151118_00052.jpg



View of the rodent holes along the landside slope.

LM Start	1.35	Rating **	A/W	Issue No.	8
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		39.395982 °	39.399959 °	
			-122.002451 °	-122.003522 °	
DWR ID					
Action/Comments					
Inspector Comments: 2000 - Snags along toe at downstream end; slow erosion. 2001 - A couple of small fresh slumps in the lower bank section. 2006 - Some minor new erosion at the downstream end. 2009 - Some new erosion. 2010 - New toe erosion. 2011 - Minor new erosion. 2012 - Minor new erosion at the toe. 2013 - Site removed because sufficient berm width, does not meet criteria. 2015: [2015 Site ID: SAC_163-0_L]					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	2.96	Rating **	U	Issue No.	54
LM End	3.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.412613 °	39.414392 °	
			-121.991278 °	-121.992257 °	
DWR ID	DWR_LD0003_01_f_2015_54				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_54_20151118_00055.jpg



View of the rodent holes along the landside slope.

LM Start	3.39	Rating **	M	Issue No.	9
LM End	3.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.418382 °	39.418382 °	
			-121.992480 °	-121.992480 °	
DWR ID	DWR_LD0003_01_s_2012_9				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the erosion along the landside slope and prevent vehicle access					

Photo 1 of 1 : FA_2015_LD0003_27_9_20150910_00006.jpg



View of the vehicle erosion along the landside slope.

LM Start	3.41	Rating **	U	Issue No.	58
LM End	3.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.418687 °	39.419762 °	
			-121.992422 °	-121.992307 °	
DWR ID	DWR_LD0003_01_f_2015_58				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_58_20151118_00057.jpg



View of the rodent. Holes along the landside slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	3.76	Rating **	M	Issue No.	19
LM End	3.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.423747 °	39.423747 °	
			-121.991667 °	-121.991667 °	
DWR ID	DWR_LD0003_01_s_2012_19				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the vehicle erosion on the landside slope.					

Photo 1 of 1 : FA_2015_LD0003_27_19_20150910_00010.jpg



View of the vehicle erosion along the landside slope.

LM Start	3.88	Rating **	U	Issue No.	59
LM End	3.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.425162 °	39.425162 °	
			-121.990528 °	-121.990528 °	
DWR ID	DWR_LD0003_01_f_2015_59				
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_LD0003_27_59_20151118_00058.jpg



View of the rodent holes along the landside slope.

LM Start	4.01	Rating **	C	Issue No.	65
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.426571 °	39.426571 °	
			-121.988942 °	-121.988942 °	
DWR ID	DWR_LD0003_01_f_2013_65				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The District repaired the rodent holes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	4.18	Rating **	C	Issue No.	1
LM End	4.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.428793 °	39.428793 °	
			-121.987495 °	-121.987495 °	
DWR ID	DWR_LD0003_01_s_2012_1				
Action/Comments					
Prunings Inspector Comments: The pruning was removed from the waterside slope.					

No Photos

LM Start	4.33	Rating **	M	Issue No.	66
LM End	4.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.430927 °	39.430927 °	
			-121.987142 °	-121.987142 °	
DWR ID	DWR_LD0003_01_f_2015_66				
Action/Comments					
Prunings Inspector Comments: Remove prunings from LS toe.					

Photo 1 of 1 : FA_2015_LD0003_27_66_20151118_00061.jpg



View of the prunings along the landside toe.

LM Start	4.63	Rating **	U	Issue No.	64
LM End	4.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.435205 °	39.435855 °	
			-121.988097 °	-121.988252 °	
DWR ID	DWR_LD0003_01_f_2013_64				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Implement rodent control measures and repair rodent damage on LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_64_20150910_00031.jpg



View of the rodent activity along the landside slope.

<p>* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown</p>	<p>** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain</p>	<p>+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement</p>
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	4.66	Rating **	M	Issue No.	63
LM End	4.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.435701 °	39.435701 °	
			-121.988189 °	-121.988189 °	
DWR ID	DWR_LD0003_01_f_2013_63				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0003_27_63_20150910_00030.jpg



View of the prunings along the landside toe.

LM Start	4.68	Rating **	M	Issue No.	2
LM End	4.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.435907 °	39.435907 °	
			-121.988242 °	-121.988242 °	
DWR ID	DWR_LD0003_01_f_2013_2				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

No Photos

LM Start	5.06	Rating **	M	Issue No.	69
LM End	5.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.441057 °	39.441057 °	
			-121.990458 °	-121.990458 °	
DWR ID	DWR_LD0003_01_f_2015_69				
Action/Comments					
Prunings Inspector Comments: Remove prunings from LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_69_20151118_00062.jpg



View of the prunings along the landside slope.

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	5.06	Rating **	U	Issue No.	21
LM End	5.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.441128 °	39.443793 °
				-121.990475 °	-121.991297 °
DWR ID	DWR_LD0003_01_f_2015_21				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Remove the rodent holes along the landside slope.					

Photo 1 of 2 : FA_2015_LD0003_27_21_20150910_00011.jpg



View of no rodent activity.

LM Start	5.06	Rating **	U	Issue No.	21 (cont)
LM End	5.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_LD0003_27_21_20151118_00063.jpg



View of the rodent holes along the landside slope.

LM Start	5.39	Rating **	U	Issue No.	70
LM End	5.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.445808 °	39.445808 °
				-121.991552 °	-121.991552 °
DWR ID	DWR_LD0003_01_f_2015_70				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Remove the rodent holes along the landside slope.					

Photo 1 of 1 : FA_2015_LD0003_27_70_20151118_00064.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	5.53	Rating **	U	Issue No.	62
LM End	5.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.447900 °	39.449115 °
				-121.991748 °	-121.991873 °
DWR ID	DWR_LD0003_01_f_2013_62				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_LD0003_27_62_20150910_00029.jpg



View of the rodent holes along the landside slope.

LM Start	5.77	Rating **	M	Issue No.	25
LM End	5.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.451293 °	39.452872 °
				-121.992370 °	-121.992897 °
DWR ID	DWR_LD0003_01_s_2012_25				
Action/Comments					
Abandoned vehicles					

Photo 1 of 1 : FA_2015_LD0003_27_25_20150910_00012.jpg



View of the equipment along the L/S toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	6.02	Rating **	M	Issue No.	11
LM End	6.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.454696 °	39.455096 °
				-121.994107 °	-121.994217 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Erosion of top left bank; eroding downstream of rock section where levee is closest to the bank, approximately 40 to 50 ft of bank retreat, some berm left. 1999 - Some new beach sedimentation at toe. 2000 - Snags in eddy area could induce bank erosion at higher flows. 2002 - Small bar is gone. 2003 - Bar is present and higher. 2004 - Some new deposition on the bank at the upstream end. 2006 - New sand on bar and bank. 2007 - New sand deposition with vegetation colonizing bars between dikes. 2008 - More eddy sedimentation and vegetation on bar along bank. Bank is healing due to retreat of right bank. 2009 - Additional bar sedimentation. 2010 - some deposition at toe, new erosion on opposite bank. Site continues to heal. 2012 - Majority of site healed but upstream end still needs toe rock. 2015: Last observed in 2013. [2015 Site ID: SAC_168-3_L]					

No Photos

LM Start	6.06	Rating **	U	Issue No.	71
LM End	6.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.455313 °	39.455313 °
				-121.993712 °	-121.993712 °
DWR ID	DWR_LD0003_01_f_2015_71				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Repair rodent damage on LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_71_20151118_00065.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	6.11	Rating **	U	Issue No.	72
LM End	6.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.456018 °	39.456018 °	
			-121.993772 °	-121.993772 °	
DWR ID	DWR_LD0003_01_f_2015_72				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Repair rodent damage on LS slope					

Photo 1 of 1 : FA_2015_LD0003_27_72_20151118_00066.jpg



View of the rodent holes along the landside slope.

LM Start	6.24	Rating **	M	Issue No.	7
LM End	6.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.457968 °	39.459955 °	
			-121.993712 °	-121.993512 °	
DWR ID	DWR_LD0003_01_s_2012_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_LD0003_27_7_20150910_00005.jpg



Trim the trees 5 feet for better visibility.

LM Start	6.29	Rating **	M	Issue No.	48
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.458587 °	39.459912 °	
			-121.993777 °	-121.993592 °	
DWR ID	DWR_LD0003_01_s_2012_48				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_LD0003_27_48_20150910_00023.jpg



Trim the trees up 5 feet for better visibility.

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

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	6.75	Rating **	M	Issue No.	35
LM End	6.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.465013 °	39.465013 °	
			-121.991455 °	-121.991455 °	
DWR ID	DWR_LD0003_01_s_2012_35				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_LD0003_27_35_20150910_00018.jpg



View of the trees that are hanging over the landside slope of the levee.

LM Start	7.21	Rating **	M	Issue No.	14
LM End	7.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.471658 °	39.471658 °	
			-121.991245 °	-121.991245 °	
DWR ID	DWR_LD0003_01_s_2012_14				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_LD0003_27_14_20150910_00009.jpg



Vehicle erosion along the slope.

LM Start	7.68	Rating **	M	Issue No.	60
LM End	7.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.478464 °	39.478464 °	
			-121.990686 °	-121.990686 °	
DWR ID	DWR_LD0003_01_f_2013_60				
Action/Comments					
Prunings					

Photo 1 of 1 : FA_2015_LD0003_27_60_20150910_00027.jpg



View of the prunings along the landside toe.

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

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	9.23	Rating **	M	Issue No.	78
LM End	9.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.498897 °	39.498897 °	
			-121.986827 °	-121.986827 °	
DWR ID	DWR_LD0003_01_f_2015_78				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Repair rodent hole on LS shoulder.					

Photo 1 of 1 : FA_2015_LD0003_27_78_20151118_00074.jpg



View of the rodent holes along the landside slope.

LM Start	9.50	Rating **	U	Issue No.	79
LM End	9.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.502698 °	39.502698 °	
			-121.985235 °	-121.985235 °	
DWR ID	DWR_LD0003_01_f_2015_79				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Repair rodent damage on LS slope.					

Photo 1 of 1 : FA_2015_LD0003_27_79_20151118_00075.jpg



View of the rodent holes along the landside slope.

LM Start	9.61	Rating **	M	Issue No.	10
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		39.504388 °	39.508117 °	
			-121.985301 °	-121.986562 °	
DWR ID					
Action/Comments					
Inspector Comments: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012 - Part of the site appears to be stabilizing, but still minor slumping in other locations. 2013 - Minor new erosion at toe. 2015: Last observed in 2013. [2015 Site ID: SAC_172-0_L]					

Photo 1 of 3 : USACE2013A_SAC_172-0_L_10.jpg



USACE 2013 Photo #1

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

**Flood Control Project Maintenance
Levee Inspections**

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	9.61	Rating **	M	Issue No.	10 (cont)
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT			39.504388 °	39.508117 °
DWR ID				-121.985301 °	-121.986562 °
Action/Comments					
Inspector Comments: 2007 - Getting close to the levee. Bank is clayey silt with clayey/silty toe. 2008 - Looks a little worse at the upstream end. 2009 - Some new erosion and slumping. 2010 - Some new erosion upstream of site, actively eroding at low flow. New bank swallow colony noted. 2011 - Significant erosion since last year, with an estimated 10 to 15 feet of berm lost. Large sections of the bank have slumped off. 2012 - Part of the site appears to be stabilizing, but still minor slumping in other locations. 2013 - Minor new erosion at toe. 2015: Last observed in 2013. [2015 Site ID: SAC_172-0_L]					

Photo 2 of 3 : USACE2013A_SAC_172-0_L_3.jpg



USACE 2013 Photo #2

LM Start	9.61	Rating **	M	Issue No.	10 (cont)
LM End	9.88	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : USACE2013A_SAC_172-0_L_4.jpg



USACE 2013 Photo #3

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

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	9.64	Rating **	U	Issue No.	80
LM End	9.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.504682 °	39.508065 °	
			-121.984465 °	-121.984030 °	
DWR ID	DWR_LD0003_01_f_2015_80				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Clear vegetation from levee slopes.					

Photo 1 of 1 : FA_2015_LD0003_27_80_20151118_00077.jpg



View of the vegetation along the waterside slope and toe.

LM Start	9.67	Rating **	U	Issue No.	81
LM End	9.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.505072 °	39.507965 °	
			-121.984302 °	-121.984047 °	
DWR ID	DWR_LD0003_01_f_2015_81				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Clear vegetation from levee slopes.					

Photo 1 of 1 : FA_2015_LD0003_27_81_20151118_00078.jpg



View of the vegetation along the landside slope.

LM Start	9.70	Rating **	U	Issue No.	50
LM End	9.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.505435 °	39.505435 °	
			-121.984172 °	-121.984172 °	
DWR ID	DWR_LD0003_01_f_2014_50				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Repair the erosion along the waterside toe.					

Photo 1 of 2 : FA_2015_LD0003_27_50_20150910_00024.jpg



View of erosion along the waterside toe. Same site as the USACE erosion issue.

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

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	9.70	Rating **	U	Issue No.	50 (cont)
LM End	9.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.505435 °	39.505435 °
				-121.984172 °	-121.984172 °
DWR ID	DWR_LD0003_01_f_2014_50				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Repair the erosion along the waterside toe.					

Photo 2 of 2 : FA_2015_LD0003_27_50_20151118_00076.jpg



View of the erosion along the waterside toe. Same site as the USACE erosion issue.

LM Start	10.14	Rating **	M	Issue No.	5
LM End	10.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.511788 °	39.512395 °
				-121.983750 °	-121.981975 °
DWR ID	DWR_LD0003_01_s_2012_5				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	10.50	Rating **	N	Issue No.	29
LM End	10.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.515342 °	39.515342 °
				-121.979202 °	-121.979202 °
DWR ID	DWR_LD0003_01_s_2012_29				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_LD0003_27_29_20150910_00016.jpg



View of the stump along the toe.

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

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

Levee District No. 0003 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Left	11.97	11/03/2015 11/03/2015	Bob Duffey

LM Start	10.67	Rating **	N	Issue No.	30
LM End	10.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.517715 °	39.517715 °	
			-121.979155 °	-121.979155 °	
DWR ID	DWR_LD0003_01_s_2012_30				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_LD0003_27_30_20150910_00017.jpg



View of the stump along the slope.

LM Start	10.81	Rating **	N	Issue No.	82
LM End	10.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.519727 °	39.519727 °	
			-121.978362 °	-121.978362 °	
DWR ID	DWR_LD0003_01_f_2015_82				
Action/Comments					
Tree stumps. Inspector Comments: Remove tree stump from WS toe.					

No Photos

LM Start	10.98	Rating **	U	Issue No.	4
LM End	11.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		39.522058 °	39.522480 °	
			-121.979133 °	-121.979200 °	
DWR ID	DWR_LD0003_01_s_2012_4				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trim the trees up at least 5 feet to allow visibility.					

Photo 1 of 1 : FA_2015_LD0003_27_4_20150910_00003.jpg



View of the trees along the slope.

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