

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/18/2014 11/18/2014	Clay Thomas

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment		°	°	°
DWR ID	DWR_RD0785_01_s_2013_3				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

No Photos

LM Start		Rating **	M	Issue No.	7
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training		°	°	°
DWR ID	DWR_RD0785_01_s_2013_7				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals		°	°	°
DWR ID	DWR_RD0785_01_s_2012_10				
Action/Comments					
Inspector Comments: Unable to contact LMA for Fall 2014 inspection.					

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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Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/18/2014 11/18/2014	Clay Thomas

LM Start	0.00	Rating **	A/W	Issue No.	14
LM End	2.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation			°	°
				°	°
DWR ID	DWR_RD0785_01_f_2014_14				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_RD0785_185_14_20141120_00020.jpg



Levee mile 0.00, vegetation on the land side slope. Fall 2014.

LM Start	0.13	Rating **	N	Issue No.	4
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.660160	°	38.646214
			-121.611619	°	-121.598596
DWR ID	DWR_RD0785_01_s_2012_4				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2014_RD0785_185_4_20141014_00003.jpg



The trees were cut by PG&E'S tree contractor. The district will take care of the stumps in the future.

LM Start	0.21	Rating **	M	Issue No.	16
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.659340	°	38.646093
			-121.610405	°	-121.598518
DWR ID	DWR_RD0785_01_f_2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 2 : FA_2014_RD0785_185_16_20141014_00011.jpg



Brush and other vegetation partially blocks visibility or access to the levee slope. Fall 2013

* 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 Sacramento River	Right	2.26	11/18/2014 11/18/2014	Clay Thomas

LM Start	0.21	Rating **	M	Issue No.	16 (cont)
LM End	1.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.659340 °	38.646093 °	
			-121.610405 °	-121.598518 °	
DWR ID	DWR_RD0785_01_f_2013_16				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 2 of 2 : FA_2014_RD0785_185_16_20141014_00012.jpg



Brush and other vegetation partially blocks visibility. Spring 2014

LM Start	0.29	Rating **	A/W	Issue No.	1
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.658467 °	38.658467 °	
			-121.609573 °	-121.609573 °	
DWR ID	DWR_RD0785_01_s_2012_1				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA_2014_RD0785_185_1_20141014_00001.jpg



Elderberry

LM Start	0.41	Rating **	A/W	Issue No.	2
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.657168 °	38.656697 °	
			-121.608270 °	-121.607845 °	
DWR ID	DWR_RD0785_01_s_2012_2				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA_2014_RD0785_185_2_20141014_00002.jpg



Elderberry

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.26	11/18/2014 11/18/2014	Clay Thomas

LM Start	0.76	Rating **	N	Issue No.	181
LM End	0.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.653003 °	38.653003 °	
			-121.605061 °	-121.605061 °	
DWR ID	DWR_RD0785_01_s_2014_181				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2014_RD0785_185_181_20141014_00018.jpg



Tree stumps along the landside shoulder of the levee. Spring 2014

LM Start	0.85	Rating **	A/W	Issue No.	5
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.651863 °	38.650777 °	
			-121.604158 °	-121.603182 °	
DWR ID	DWR_RD0785_01_s_2012_5				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.93	Rating **	M	Issue No.	47
LM End	0.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.650992 °	38.650992 °	
			-121.603392 °	-121.603392 °	
DWR ID	DWR_RD0785_01_s_2012_47				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : FA_2014_RD0785_185_47_20141014_00014.jpg



The fallen tree and brush on the waterside of the roadway needs to be removed. Photo taken spring 2012.

* 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 Sacramento River	Right	2.26	11/18/2014 11/18/2014	Clay Thomas

LM Start	1.32	Rating **	A/W	Issue No.	6
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.646712 °	38.646712 °	
			-121.599095 °	-121.599095 °	
DWR ID	DWR_RD0785_01_s_2012_6				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : FA_2014_RD0785_185_6_20141014_00004.jpg



This is a very large Elderberry bush.

LM Start	1.32	Rating **	M	Issue No.	13
LM End	1.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.646671 °	38.646671 °	
			-121.598915 °	-121.598915 °	
DWR ID	DWR_RD0785_01_s_2013_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 2 : FA_2014_RD0785_185_13_20141014_00009.jpg



The erosion has become a trail for fishermen and contributes to it. Spring 2013

LM Start	1.32	Rating **	M	Issue No.	13 (cont)
LM End	1.32	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD0785_185_13_20141014_00010.jpg



The waterside levee slope has erosion from surface run off. Spring 2013

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Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.31	11/17/2014 11/17/2014	Clay Thomas

LM Start	0.00	Rating **	A/W	Issue No.	2
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation			°	°
				°	°
DWR ID	DWR_RD0785_02_f_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_RD0785_186_2_20141120_00016.jpg



Levee mile 3.29, vegetation on the land side slope. Fall 2014.

LM Start	0.00	Rating **	A/W	Issue No.	3
LM End	3.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation			°	°
				°	°
DWR ID	DWR_RD0785_02_f_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_RD0785_186_3_20141120_00017.jpg



Levee mile 3.29, vegetation on the water side slope. Fall 2014.

LM Start	0.11	Rating **	M	Issue No.	25
LM End	0.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.639670	°	38.639670
			-121.619460	°	-121.619460
DWR ID	DWR_RD0785_02_s_2012_25				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.					

Photo 1 of 1 : FA_2014_RD0785_186_25_20141014_00001.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

* 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 Yolo Bypass	Left	3.31	11/17/2014 11/17/2014	Clay Thomas

LM Start	0.24	Rating **	M	Issue No.	26
LM End	0.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.637913 °	38.637913 °	
			-121.618388 °	-121.618388 °	
DWR ID	DWR_RD0785_02_s_2012_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope.					

No Photos

LM Start	0.38	Rating **	A/W	Issue No.	27
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.636065 °	38.636065 °	
			-121.617295 °	-121.617295 °	
DWR ID	DWR_RD0785_02_s_2012_27				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation too tall to see.					

Photo 1 of 1 : FA_2014_RD0785_186_27_20141014_00002.jpg



Rodent holes on the landside levee slope, photo taken spring 2012.

LM Start	0.46	Rating **	A/W	Issue No.	28
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.634978 °	38.634978 °	
			-121.616612 °	-121.616612 °	
DWR ID	DWR_RD0785_02_s_2012_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation too tall to see.					

Photo 1 of 2 : FA_2014_RD0785_186_28_20141014_00003.jpg



Many rodent holes within 25' of each other, photo taken spring 2012.

* 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 Yolo Bypass	Left	3.31	11/17/2014 11/17/2014	Clay Thomas

LM Start	0.46	Rating **	A/W	Issue No.	28 (cont)
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.634978 °	38.634978 °	
			-121.616612 °	-121.616612 °	
DWR ID	DWR_RD0785_02_s_2012_28				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Unable to see slope. Vegetation too tall to see.					



Rodent holes on the landside levee slope, photo taken spring 2012.

LM Start	0.52	Rating **	M	Issue No.	29
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.634180 °	38.634180 °	
			-121.616142 °	-121.616142 °	
DWR ID	DWR_RD0785_02_s_2012_29				
Action/Comments					
Repair slope instability.					



Slope instability at shoulder of landside levee buldge at toe.

LM Start	0.52	Rating **	M	Issue No.	29 (cont)
LM End	0.52	Issue Type +	Ma	Location *	LS



Buldge at the landside toe of the levee, photos taken spring 2012.

* 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 Yolo Bypass	Left	3.31	11/17/2014 11/17/2014	Clay Thomas

LM Start	0.87	Rating **	M	Issue No.	143
LM End	0.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.629693 °	38.629693 °	
			-121.613436 °	-121.613436 °	
DWR ID	DWR_RD0785_02_s_2014_143				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA_2014_RD0785_186_143_20141014_00013.jpg



Cracking along the shoulder causing slope instability. Spring 2014

LM Start	0.87	Rating **	M	Issue No.	42
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.629589 °	38.629259 °	
			-121.613372 °	-121.613156 °	
DWR ID	DWR_RD0785_02_s_2014_42				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_RD0785_186_42_20141014_00011.jpg



Large rodent hole close to the toe of the levee. Spring 2014

LM Start	1.10	Rating **	M	Issue No.	144
LM End	1.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.626676 °	38.626676 °	
			-121.611325 °	-121.611325 °	
DWR ID	DWR_RD0785_02_s_2014_144				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA_2014_RD0785_186_144_20141014_00014.jpg



Slope instability along the waterside shoulder. Spring 2014

* 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 Yolo Bypass	Left	3.31	11/17/2014 11/17/2014	Clay Thomas

LM Start	2.18	Rating **	M	Issue No.	30
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.613104 °	38.613104 °	
			-121.600915 °	-121.600915 °	
DWR ID	DWR_RD0785_02_s_2012_30				
Action/Comments					
Repair slope instability.					

Photo 1 of 4 : FA_2014_RD0785_186_30_20141014_00007.jpg



There is slope instability with three step like spots. The cuts are 1' to 1.5' deep. Photo taken spring 2012.

LM Start	2.18	Rating **	M	Issue No.	30 (cont)
LM End	2.18	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : FA_2014_RD0785_186_30_20141014_00008.jpg



Slope instability. Photo fall 2012.

LM Start	2.18	Rating **	M	Issue No.	30 (cont)
LM End	2.18	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : FA_2014_RD0785_186_30_20141014_00009.jpg



Slope instability is still there. Spring 2013

* 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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