

**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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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**

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CR : Crown

**** Rating**

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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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	0.21	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.					

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.										

A photograph showing a road shoulder area. A large, dead, uprooted tree trunk lies on the ground, surrounded by dense green vegetation. The road is paved and curves to the right, with yellow traffic signs visible in the distance.

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.										

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

Reclamation District No. 0785 Driver

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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					o
						o
DWR ID	DWR_RD0785_02_f_2014_2					
Action/Comments						
Control annual grass and weeds on the levee slopes and easements.						

A photograph of a dirt road winding through a rural landscape under a clear blue sky. The road is flanked by dry grass and shrubs. In the distance, there are trees and a small blue structure.

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.					

A photograph showing a wide, gravelly embankment or dike that stretches from the foreground into the distance. To the left of the embankment, there is a line of trees with green and yellow foliage, and a body of water is visible. The foreground is covered in dry, brown grass. The background shows a flat landscape under a clear blue sky.

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.					

A photograph of a sandy, gravelly ground surface. There is a small, dark, irregular mark in the center, which appears to be a hole or a small depression. Some sparse vegetation and small plants are visible on the left side of the image. The ground is light-colored and textured with small stones and sand.

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

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No Photos

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

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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.					

Photo 2 of 2 : FA_2014_RD0785_186_28_20141014_00004.jpg



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.					

Photo 1 of 2 : FA_2014_RD0785_186_29_20141014_00005.jpg



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

Photo 2 of 2 : FA_2014_RD0785_186_29_20141014_00006.jpg



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

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+ Issue Type
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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

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WS : Water Side
CR : Crown

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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 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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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	2.18	Rating **	M	Issue No.	30 (cont)	
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 4 of 4 : FA_2014_RD0785_186_30_20141014_00010.jpg



Current view of the slope instability. 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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