

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start		Rating **	A	Issue No.	9
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_RD1500_01_s_2013_9				
Action/Comments					
Inspector Comments: RD 1500 has their O&M Manual.					

No Photos

LM Start		Rating **	A	Issue No.	55
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_RD1500_01_s_2013_55				
Action/Comments					
Inspector Comments: RD 1500 maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	61
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_RD1500_01_s_2013_61				
Action/Comments					
Inspector Comments: RD 1500 is current with it's flood response plans and training.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.02	Rating **	C	Issue No.	1681
LM End	0.02	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.761057 °	38.761057 °
				-121.675021 °	-121.675021 °
DWR ID	DWR_RD1500_01_s_2015_1681				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.20	Rating **	C	Issue No.	2535
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.761728 °	38.761728 °
				-121.677991 °	-121.677991 °
DWR ID	DWR_RD1500_01_s_2015_2535				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.23	Rating **	C	Issue No.	2536
LM End	0.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.762233 °	38.762233 °
				-121.678326 °	-121.678326 °
DWR ID	DWR_RD1500_01_s_2015_2536				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.29	Rating **	C	Issue No.	2537
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.762949 °	38.762949 °
				-121.678794 °	-121.678794 °
DWR ID	DWR_RD1500_01_s_2015_2537				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.29	Rating **	M	Issue No.	105
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.762946 °	38.762946 °
				-121.678817 °	-121.678817 °
DWR ID	DWR_RD1500_01_f_2015_105				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_RD1500_189_105_20151026_00137.jpg



View of the rodent hole on the waterward side of the levee looking upstream. Fall 2015.

LM Start	0.31	Rating **	C	Issue No.	2539
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763140 °	38.763140 °
				-121.678949 °	-121.678949 °
DWR ID	DWR_RD1500_01_s_2015_2539				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.31	Rating **	C	Issue No.	2538
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763141 °	38.763141 °
				-121.678949 °	-121.678949 °
DWR ID	DWR_RD1500_01_s_2015_2538				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.31	Rating **	C	Issue No.	2540
LM End	0.31	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.763154 °	38.763154 °
				-121.678967 °	-121.678967 °
DWR ID	DWR_RD1500_01_s_2015_2540				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.31	Rating **	C	Issue No.	53
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.763219 °	38.763219 °
				-121.679036 °	-121.679036 °
DWR ID	DWR_RD1500_01_f_2012_53				
Action/Comments					
Stairway					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.50	Rating **	C	Issue No.	2541
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.764501 °	38.764501 °
				-121.681892 °	-121.681892 °
DWR ID	DWR_RD1500_01_s_2015_2541				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.51	Rating **	C	Issue No.	2542
LM End	0.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.764514 °	38.764514 °
				-121.682210 °	-121.682210 °
DWR ID	DWR_RD1500_01_s_2015_2542				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.56	Rating **	A/W	Issue No.	72
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.764462 °	38.764638 °
				-121.683167 °	-121.687690 °
DWR ID	DWR_RD1500_01_s_2012_72				
Action/Comments					
Environmental Requirements.					

Photo 1 of 2 : FA_2015_RD1500_189_72_20150914_00049.jpg



A view of the revegetation site.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.56	Rating **	A/W	Issue No.	72 (cont)
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.764462 °	38.764638 °	
			-121.683167 °	-121.687690 °	
DWR ID	DWR_RD1500_01_s_2012_72				
Action/Comments					
Environmental Requirements.					

Photo 2 of 2 : FA_2015_RD1500_189_72_20150914_00050.jpg



A revegetation site waterside toe, photo taken spring 2012.

LM Start	0.63	Rating **	A/W	Issue No.	76
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.764305 °	38.766827 °	
			-121.684396 °	-121.690884 °	
DWR ID	DWR_RD1500_01_s_2013_76				
Action/Comments					
Repair slope instability. Inspector Comments: Seepage berm was damaged last fall in prep for the agricultural field and needs to be restored by the land owner. A field investigation report was made. The seepage berm is scheduled to be repaired before next flood season.					

Photo 1 of 2 : FA_2015_RD1500_189_76_20150914_00053.jpg



Damage to the seepage berm during the flood season needs to be repaired, Spring 2013

LM Start	0.63	Rating **	A/W	Issue No.	76 (cont)
LM End	1.05	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_RD1500_189_76_20150914_00054.jpg



The damage to the seepage berm has been repaired and needs to be monitored. Spring 2014

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	0.71	Rating **	M	Issue No.	106
LM End	0.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.764155 °	38.764155 °
				-121.685888 °	-121.685888 °
DWR ID	DWR_RD1500_01_f_2015_106				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_RD1500_189_106_20151026_00138.jpg



View of the damaged slope on the waterward side of the levee looking upstream. Fall 2015.

LM Start	1.24	Rating **	C	Issue No.	2543
LM End	1.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.769175 °	38.769175 °
				-121.691849 °	-121.691849 °
DWR ID	DWR_RD1500_01_s_2015_2543				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	1.34	Rating **	M	Issue No.	6
LM End	1.95	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.770390 °	38.777282 °
				-121.690553 °	-121.685841 °
DWR ID					
Action/Comments					
Inspector Comments: 2006 - New erosion upstream, new bank failures near levee but still fairly wide berm in most places. 2008 - Large berm, questionable as to if it should remain in the inventory. 2010 - Minor new erosion, old cobble starting to fail. 2011 - Cobble continues to unravel and additional slumping. 2012 - Minor new erosion at bank mid point. 2013 - Minor new erosion. 2015: No observed changes. [2015 Site ID: SAC_86-3_L]					

Photo 1 of 1 : USACE2013A_SAC_86-3_L_2.jpg



USACE 2013 Photo #1

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	2.30	Rating **	M	Issue No.	2
LM End	2.52	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.781962 °	38.784936 °
				-121.688033 °	-121.690033 °
DWR ID					
Action/Comments					
Inspector Comments: 2010 - The upstream end of the repair site at 87.0. Repair did not extend far enough upstream. 2011 - New erosion pockets. 2012 - Minor new erosion at toe. 2013 - Minor new erosion. 2015: Significant new toe erosion. [2015 Site ID: SAC_87-1_L]					

Photo 1 of 1 : USACE2013A_SAC_87-1_L_3.jpg



USACE 2013 Photo #1

LM Start	5.17	Rating **	A/W	Issue No.	1340
LM End	5.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802164 °	38.802164 °
				-121.712560 °	-121.712560 °
DWR ID	DWR_RD1500_01_s_2014_1340				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 1 : FA_2015_RD1500_189_1340_20150914_00076.jpg



Monitor tree that may pose a future threat to the integrity of the levee. Spring 2014

LM Start	5.26	Rating **	M	Issue No.	1341
LM End	5.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.802827 °	38.802827 °
				-121.714043 °	-121.714043 °
DWR ID	DWR_RD1500_01_s_2014_1341				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_RD1500_189_1341_20150914_00077.jpg



Trees need to be trimmed up to at least 5' they are blocking the visibility. Spring 2014

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	5.26	Rating **	C	Issue No.	1342
LM End	5.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.802826 °	38.802826 °	
			-121.714044 °	-121.714044 °	
DWR ID	DWR_RD1500_01_s_2014_1342				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	7.15	Rating **	M	Issue No.	217
LM End	7.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.824119 °	38.824119 °	
			-121.722776 °	-121.722776 °	
DWR ID	DWR_RD1500_01_s_2012_217				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_RD1500_189_217_20150914_00064.jpg



Trees need to be trimmed to the height of 5 feet to see the slope.

LM Start	7.20	Rating **	A/W	Issue No.	1343
LM End	7.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.824900 °	38.824900 °	
			-121.722851 °	-121.722851 °	
DWR ID	DWR_RD1500_01_s_2014_1343				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 1 : FA_2015_RD1500_189_1343_20150914_00079.jpg



Monitor tree that may pose a future threat to the integrity of the levee.
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
---	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	7.49	Rating **	M	Issue No.	16
LM End	7.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.828975 °	38.828975 °	
			-121.724265 °	-121.724265 °	
DWR ID	DWR_RD1500_01_s_2012_16				
Action/Comments					
Equipment					

Photo 1 of 1 : FA_2015_RD1500_189_16_20150914_00013.jpg



Equipment along landside toe. Photo was taken in spring 2010.

LM Start	8.33	Rating **	M	Issue No.	3
LM End	8.47	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.839546 °	38.840347 °	
			-121.729591 °	-121.726857 °	
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Damage to cobble revetment on top left bank and toe damage. 2004 - Site is pretty minor. 2010 - Cobbles continue to deteriorate. 2011 - Minor new erosion at the toe. 2013 - Might be able to shorten due to deposition. 2015: Site shortened, downstream end has plenty of berm and deposited material, well vegetated. [2015 Site ID: SAC_92-8_L]					

Photo 1 of 1 : USACE2013A_SAC_92-8_L_2.jpg



USACE 2013 Photo #1

LM Start	8.92	Rating **	A/W	Issue No.	1344
LM End	8.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.845076 °	38.845076 °	
			-121.728301 °	-121.728301 °	
DWR ID	DWR_RD1500_01_s_2014_1344				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 3 : FA_2015_RD1500_189_1344_20150914_00080.jpg



The walnut tree at the toe has fallen. The roots are exposed and the branches are holding it up. Spring 2014

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	8.92	Rating **	A/W	Issue No.	1344 (cont)
LM End	8.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.845076 °	38.845076 °
				-121.728301 °	-121.728301 °
DWR ID	DWR_RD1500_01_s_2014_1344				
Action/Comments					
Trees / Woody Vegetation					

Photo 2 of 3 : FA_2015_RD1500_189_1344_20151026_00145.jpg



The walnut tree has been trimmed but still remains at the landward toe of the levee. Fall 2015.

LM Start	8.92	Rating **	A/W	Issue No.	1344 (cont)
LM End	8.92	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2015_RD1500_189_1344_20151026_00146.jpg



Perspective view of the walnut tree on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.40	Rating **	A/W	Issue No.	74
LM End	9.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.850267 °	38.853222 °
				-121.723275 °	-121.724062 °
DWR ID	DWR_RD1500_01_s_2012_74				
Action/Comments					
Environmental Requirements.					

Photo 1 of 2 : FA_2015_RD1500_189_74_20150914_00051.jpg



A revegetation site on the waterside bank with sprinklers installed.

* 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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	9.40	Rating **	A/W	Issue No.	74 (cont)
LM End	9.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.850267 °	38.853222 °
				-121.723275 °	-121.724062 °
DWR ID	DWR_RD1500_01_s_2012_74				
Action/Comments					
Environmental Requirements.					

Photo 2 of 2 : FA_2015_RD1500_189_74_20150914_00052.jpg



Another revegetation site photo taken spring 2012.

LM Start	10.54	Rating **	M	Issue No.	112
LM End	10.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.861027 °	38.861027 °
				-121.734094 °	-121.734094 °
DWR ID	DWR_RD1500_01_f_2015_112				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : FA_2015_RD1500_189_112_20151026_00148.jpg



View of the trees on the landward side of the levee looking upstream. Fall 2015.

LM Start	11.23	Rating **	M	Issue No.	113
LM End	11.23	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.865598 °	38.865598 °
				-121.745196 °	-121.745196 °
DWR ID	DWR_RD1500_01_f_2015_113				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA_2015_RD1500_189_113_20151026_00149.jpg



View of the erosion on the landward side of the levee looking upstream. Fall 2015.

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	11.80	Rating **	M	Issue No.	19
LM End	11.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.871853 °	38.870581 °
				-121.749330 °	-121.752059 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - No toe on the large upstream rubble (mix of broken concrete, bricks, rock, and steel) - should be replaced. Oversized bank. 2001 - New slump at the downstream end. 2003 - Some minor bank retreat at the downstream end. 2004 - Some new retreat at the downstream end. 2006 - Some new erosion, mainly on the steep slope and scarps. (Pumping station is not part of the erosion site.) 2010 - Minor new erosion. 2011 - Minor new erosion at the toe. 2015: Fresh slumping. [2015 Site ID: SAC_95-8_L]					

No Photos

LM Start	11.82	Rating **	A/W	Issue No.	115
LM End	11.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.872124 °	38.872124 °
				-121.749720 °	-121.749720 °
DWR ID	DWR_RD1500_01_f_2015_115				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Erosion site is on the edge of the river.					

Photo 1 of 2 : FA_2015_RD1500_189_115_20151026_00157.jpg



View of the erosion at the edge of the waterward berm looking upstream. Fall 2015.

LM Start	11.82	Rating **	A/W	Issue No.	115 (cont)
LM End	11.82	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD1500_189_115_20151026_00158.jpg



View of the erosion at the edge of the river looking downstream. Fall 2015.

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	11.82	Rating **	C	Issue No.	219
LM End	11.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.872220 °	38.872220 °
				-121.749785 °	-121.749785 °
DWR ID	DWR_RD1500_01_s_2012_219				
Action/Comments					
Debris					

No Photos

LM Start	11.99	Rating **	A/W	Issue No.	1
LM End	12.26	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.870474 °	38.869139 °
				-121.752237 °	-121.757108 °
DWR ID					
Action/Comments					
Inspector Comments: 2000 - Vertical Modesto Formation bank with mass failure. 2003 - Upstream end has some new bank retreat. 2004 - Upstream end is worse. 2006 - Some new erosion, mainly on the steep slope and scarps. (Pumping station is not part of the erosion site.) 2010 - Some new erosion and deposition at upstream end, definite encroachments. 2011 - Minor new erosion at the toe. 2015: Site					

Photo 1 of 1 : USACE2013A_SAC_96-2_L_11.jpg



USACE 2013 Photo #1

LM Start	12.19	Rating **	A/W	Issue No.	50
LM End	12.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.869700 °	38.869700 °
				-121.755945 °	-121.755945 °
DWR ID	DWR_RD1500_01_s_2012_50				
Action/Comments					
Note and monitor erosion site. Inspector Comments: The levee has a wide berm at this location.					

Photo 1 of 2 : FA_2015_RD1500_189_50_20151026_00161.jpg



* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	12.19	Rating **	A/W	Issue No.	50 (cont)
LM End	12.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.869700 °	38.869700 °
				-121.755945 °	-121.755945 °
DWR ID	DWR_RD1500_01_s_2012_50				
Action/Comments					
Note and monitor erosion site. Inspector Comments: The levee has a wide berm at this location.					

Photo 2 of 2 : FA_2015_RD1500_189_50_20151026_00160.jpg



View of the erosion site along the embankment looking downstream. Fall 2015.

LM Start	12.43	Rating **	M	Issue No.	24
LM End	12.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.868717 °	38.867492 °
				-121.760133 °	-121.760903 °
DWR ID	DWR_RD1500_01_s_2012_24				
Action/Comments					
Equipment					

Photo 1 of 1 : FA_2015_RD1500_189_24_20151026_00162.jpg



View of the equipment on the landward side of the levee looking upstream. Fall 2015.

LM Start	12.50	Rating **	M	Issue No.	117
LM End	12.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.867902 °	38.867902 °
				-121.760631 °	-121.760631 °
DWR ID	DWR_RD1500_01_f_2015_117				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_RD1500_189_117_20151026_00163.jpg



View of the rodent hole on the waterward side of the levee looking upstream. Fall 2015.

* 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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	12.57	Rating **	M	Issue No.	118
LM End	12.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.867108 °	38.867108 °
				-121.761498 °	-121.761498 °
DWR ID	DWR_RD1500_01_f_2015_118				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA_2015_RD1500_189_118_20151026_00164.jpg



View of the erosion on the waterward side of the levee looking upstream. Fall 2015.

LM Start	12.81	Rating **	A/W	Issue No.	25
LM End	12.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.865127 °	38.865127 °
				-121.765157 °	-121.765157 °
DWR ID	DWR_RD1500_01_s_2012_25				
Action/Comments					
Equipment					

Photo 1 of 1 : FA_2015_RD1500_189_25_20151026_00165.jpg



View of the equipment on the crown of the levee looking upstream. Fall 2015.

LM Start	13.05	Rating **	M	Issue No.	992
LM End	13.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.863081 °	38.863081 °
				-121.768781 °	-121.768781 °
DWR ID	DWR_RD1500_01_s_2012_992				
Action/Comments					
Equipment					
Inspector Comments: There are equipment and tires at this location.					

Photo 1 of 1 : FA_2015_RD1500_189_992_20150914_00074.jpg



Next to the building there are tires and axles stored at 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	14.27	Rating **	U	Issue No.	77
LM End	14.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.861793 °	38.861793 °
				-121.783703 °	-121.783703 °
DWR ID	DWR_RD1500_01_s_2012_77				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : FA_2015_RD1500_189_77_20151026_00171.jpg



View of the trees on the landward side of the levee looking upstream. Blocking visibility. Fall 2015.

LM Start	18.29	Rating **	A/W	Issue No.	51
LM End	18.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.900873 °	38.900873 °
				-121.802680 °	-121.802680 °
DWR ID	DWR_RD1500_01_s_2012_51				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 2 : FA_2015_RD1500_189_51_20151026_00182.jpg



Looking downstream at the embankment erosion. Fall 2015.

LM Start	18.29	Rating **	A/W	Issue No.	51 (cont)
LM End	18.29	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD1500_189_51_20151026_00181.jpg



Looking upstream at the same embankment erosion. Fall 2015.

* 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
---	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	18.38	Rating **	M	Issue No.	13
LM End	19.06	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.901337 °	38.902721 °
				-121.801175 °	-121.790677 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Pocket failures of cobble revetment toe; scallops of rock loss along the bank; irregular bankline developing. 2001 - Small scallops in the toe of the berm. 2005 - Still multiple erosion pockets in the toe. 2006 - Two new small slumps. 2011 - Old cobble continue to fail causing minor slumping. 2012 - Portions of site appears to be stabilizing. 2015: No observed changes. [2015 Site ID:					

Photo 1 of 1 : USACE2013A_SAC_104-0_L_11.jpg



USACE 2013 Photo #1

LM Start	19.16	Rating **	M	Issue No.	5
LM End	19.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.904041 °	38.906697 °
				-121.790298 °	-121.792796 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Cobbles eroded off the clay materials; not much evidence of erosion on the toe; cobble loss on the toe. 2011 - Some minor new erosion. 2015: No observed changes. [2015 Site ID: SAC_104-5_L]					

Photo 1 of 1 : USACE2013A_SAC_104-5_L_3.jpg



USACE 2013 Photo #1

LM Start	21.06	Rating **	M	Issue No.	101
LM End	21.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.911910 °	38.911910 °
				-121.803666 °	-121.803666 °
DWR ID	DWR_RD1500_01_f_2015_101				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_RD1500_189_101_20151026_00133.jpg



View of the rodent hole on the landward side of the levee looking upstream. Fall 2015.

* 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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	24.76	Rating **	M	Issue No.	102
LM End	24.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.942846 °	38.942846 °	
			-121.834838 °	-121.834838 °	
DWR ID	DWR_RD1500_01_f_2015_102				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	24.88	Rating **	M	Issue No.	69
LM End	24.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.944340 °	38.944340 °	
			-121.835790 °	-121.835790 °	
DWR ID	DWR_RD1500_01_f_2013_69				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 2 : FA_2015_RD1500_189_69_20150914_00047.jpg



Multiple rodent burrows on landside slope. Fall 2013

LM Start	24.88	Rating **	M	Issue No.	69 (cont)
LM End	24.88	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2015_RD1500_189_69_20150914_00048.jpg



A rodent burrow on the landside Fall 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	28.95	Rating **	A/W	Issue No.	84
LM End	29.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.988078 °	38.988595 °	
			-121.811692 °	-121.807532 °	
DWR ID	DWR_RD1500_01_s_2012_84				
Action/Comments					
Environmental Requirements.					

Photo 1 of 2 : FA_2015_RD1500_189_84_20150914_00059.jpg



A photo of the revegetation site.

LM Start	28.95	Rating **	A/W	Issue No.	84 (cont)
LM End	29.17	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD1500_189_84_20150914_00060.jpg



Another revegetation site on the waterside berm, photo taken spring 2012.

LM Start	30.60	Rating **	M	Issue No.	22
LM End	30.75	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2015 USACE Erosion Survey, DRAFT		38.999745 °	39.001413 °	
			-121.800898 °	-121.802889 °	
DWR ID					
Action/Comments					
Inspector Comments: 2000 - Eroding, vertical berm slope over a vertical cohesive toe; slow erosion but getting close to the toe. 2002 - Erosion is getting close to the levee, still eroding with some new small slumps. 2004 - Some minor new erosion. 2006 - Some new erosion, cleaned off older scars and slump faces. 2008 - New, small, partial rotational failure. 2011 - Some new minor erosion. 2015: No observed					

Photo 1 of 1 : USACE2013A_SAC_116-0_L_4.jpg



USACE 2013 Photo #1

* 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
---	--	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	33.15	10/20/2015 10/21/2015	Jai Lor

LM Start	30.94	Rating **	M	Issue No.	15
LM End	31.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.003301 °	39.006072 °
				-121.805024 °	-121.815926 °
DWR ID					
Action/Comments					
Inspector Comments: 2003 - New sedimentation and some new small toe scallops at the upstream end; downstream end has some new erosion. 2004 - Some new erosion at the toe and upper bank and some small new rotational failures (mainly minor, except at the downstream end). 2007 - Some new slumps. 2009 - Some new scallops and site was extended upstream. 2010 - New deposition along upstream end of site, however there is also new erosion throughout the site. Site seems to be worsening, and eroding fast. Large habitat for bank swallows. 2011 - Some new minor erosion. 2012 - Minor new erosion. 2015: No observed changes. [2015 Site ID: SAC_116-5_L]					

Photo 1 of 1 : USACE2013A_SAC_116-5_L_10.jpg



USACE 2013 Photo #1

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/20/2015 10/20/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.761121 °	38.761121 °	
			-121.674592 °	-121.674592 °	
DWR ID	DWR_RD1500_02_s_2012_12				
Action/Comments					
Equipment					

Photo 1 of 2 : FA_2015_RD1500_190_12_20150914_00005.jpg



Farm equipment is parked on the levee slope. Photo fall 2012.

LM Start	0.00	Rating **	M	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD1500_190_12_20150914_00006.jpg



Farm equipment is on the levee crown. Spring 2014

LM Start	0.16	Rating **	C	Issue No.	302
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.762750 °	38.782985 °	
			-121.672501 °	-121.655599 °	
DWR ID	DWR_RD1500_02_s_2014_302				
Action/Comments					
Keep the crown roadway free of vegetation.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 1500 Sutter Basin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	20.72	10/20/2015 10/20/2015	Jai Lor

LM Start	18.19	Rating **	C	Issue No.	584
LM End	18.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.987247 °	38.987247 °	
			-121.725271 °	-121.725271 °	
DWR ID	DWR_RD1500_02_s_2015_584				
Action/Comments					
Tree or limb Inspector Comments: A tree broke and fell onto the waterward side of the levee.					

No Photos

LM Start	18.41	Rating **	A/W	Issue No.	15
LM End	18.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Underseepage Relief Wells		38.989813 °	38.989813 °	
			-121.727763 °	-121.727763 °	
DWR ID	DWR_RD1500_02_s_2015_15				
Action/Comments					

Photo 1 of 1 : FA_2015_RD1500_190_15_20151026_00014.jpg



View of the toe drainage at the landward toe berm. Fall 2015.

LM Start	18.60	Rating **	M	Issue No.	1
LM End	18.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.992105 °	38.992105 °	
			-121.729615 °	-121.729615 °	
DWR ID	DWR_RD1500_02_f_2015_1				
Action/Comments					
Tree or limb					

Photo 1 of 1 : FA_2015_RD1500_190_1_20151026_00013.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Fall 2015.

* 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
--	--	---	---