

**Flood Control Project Maintenance
Levee Inspections**

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

Reclamation District No. 2107 Mossdale Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	10/15/2015 10/15/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_RD2107_01_s_2013_5				
Action/Comments					
Inspector Comments: The LMA has flood fight training and an emergency response plan.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_RD2107_01_s_2013_7				
Action/Comments					
Inspector Comments: Flood fighting supplies are available on-site.					

Photo 1 of 1 : FA_2015_RD2107_329_7_20151026_00015.jpg



View of the flood fight emergency supplies.

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_RD2107_01_s_2013_8				
Action/Comments					
Inspector Comments: The O&M Manual is available at the LMA's office.					

Photo 1 of 1 : FA_2015_RD2107_329_8_20151026_00016.jpg



View of the O&M Manual.

* 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 San Joaquin River	Left	2.33	10/15/2015 10/15/2015	Maksim Khashchuk

LM Start	0.03	Rating **	N	Issue No.	1
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.786993 °	37.786993 °	
			-121.308694 °	-121.308694 °	
DWR ID	DWR_RD2107_01_s_2012_1				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2107_329_1_20150910_00001.jpg



Photo of waterside slope. Stumps present from prior tree removal for access and visibility.

LM Start	0.26	Rating **	N	Issue No.	2
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.784316 °	37.784316 °	
			-121.306498 °	-121.306498 °	
DWR ID	DWR_RD2107_01_s_2012_2				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2107_329_2_20150910_00002.jpg



Tree stumps present on slope. They were left from prior vegetation removal for access and visibility.

LM Start	0.26	Rating **	M	Issue No.	19
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.784300 °	37.784300 °	
			-121.306488 °	-121.306488 °	
DWR ID	DWR_RD2107_01_f_2015_19				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA_2015_RD2107_329_19_20151026_00011.jpg



View of the tracks on the waterside levee 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.33	10/15/2015 10/15/2015	Maksim Khashchuk

LM Start	0.41	Rating **	M	Issue No.	54
LM End	0.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.782737 °	37.782737 °	
			-121.304426 °	-121.304426 °	
DWR ID	DWR_RD2107_01_s_2012_54				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Large elderberry on water side slope.					

No Photos

LM Start	1.14	Rating **	M	Issue No.	21
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.775324 °	37.775324 °	
			-121.307685 °	-121.307685 °	
DWR ID	DWR_RD2107_01_f_2015_21				
Action/Comments					
Trim trees to at least five feet above ground level. Inspector Comments: Trim up limbs blocking visibility.					

Photo 1 of 1 : FA_2015_RD2107_329_21_20151026_00013.jpg



View of the overgrown tree on the waterside levee slope obstructing visibility.

LM Start	2.00	Rating **	A	Issue No.	22
LM End	2.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.765571 °	37.765571 °	
			-121.309613 °	-121.309613 °	
DWR ID	DWR_RD2107_01_f_2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2107_329_22_20151026_00014.jpg



View of the acceptable vegetation on the waterside levee slope.

* 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
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	10/15/2015 10/15/2015	Maksim Khashchuk

LM Start	0.42	Rating **	A	Issue No.	8
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.764171 °	37.764171 °	
			-121.315377 °	-121.315377 °	
DWR ID	DWR_RD2107_02_f_2015_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2107_330_8_20151026_00005.jpg



View of the acceptable vegetation control on the waterside levee slope.

LM Start	0.51	Rating **	M	Issue No.	4
LM End	0.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.764780 °	37.764780 °	
			-121.316717 °	-121.316717 °	
DWR ID	DWR_RD2107_02_s_2012_4				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry bush on waterside.					

Photo 1 of 1 : FA_2015_RD2107_330_4_20150910_00001.jpg



Elderberry located on waterside slope.

LM Start	0.54	Rating **	M	Issue No.	9
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.764838 °	37.764838 °	
			-121.317318 °	-121.317318 °	
DWR ID	DWR_RD2107_02_f_2015_9				
Action/Comments					
Repair slope instability. Inspector Comments: Add appropriate fill and compact the slope.					

Photo 1 of 1 : FA_2015_RD2107_330_9_20151026_00006.jpg



View of the vertical cut on the landside levee slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.82	10/15/2015 10/15/2015	Maksim Khashchuk

LM Start	0.75	Rating **	A	Issue No.	10
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.766621 °	37.766621 °	
			-121.320149 °	-121.320149 °	
DWR ID	DWR_RD2107_02_f_2015_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2107_330_10_20151026_00007.jpg



View of the acceptable vegetation control on the landside levee slope.

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