

**Flood Control Project Maintenance  
Levee Inspections**

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

**Reclamation District No. 0001 Union Island**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.14	09/29/2015 09/29/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0001_01_s_2013_6				
Action/Comments					
Inspector Comments: The LMA has current flood fighting training and an emergency plan.					

No Photos

LM Start		Rating **	A	Issue No.	<b>8</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0001_01_s_2013_8				
Action/Comments					
Inspector Comments: The LMA has emergency supplies on-site.					

No Photos

LM Start		Rating **	A	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0001_01_s_2013_9				
Action/Comments					
Inspector Comments: The LMA has a copy of the O&M Manual available at the office.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Old River	Right	1.14	09/29/2015 09/29/2015	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.822306 °	37.822306 °
				-121.375304 °	-121.375304 °
DWR ID					
<b>Action/Comments</b>					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/20/2013: No significant change at this site. 08/07/2012: The erosion is at the confluence of Old River and one of its tributary. [2015 Site ID:RD0001U01RM31.4]					

Photo 1 of 2 : SJR2015\_RD0001U01RM31.4\_2.jpg



Close view of the erosion.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SJR2015\_RD0001U01RM31.4\_6.jpg



Front view of the site. Note the large tree on site.

LM Start	<b>0.17</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.17</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.821376 °	37.821376 °
				-121.378044 °	-121.378044 °
DWR ID	DWR_RD0001_01_s_2014_12				
<b>Action/Comments</b>					
Tree stumps. Inspector Comments: Remove stump when it becomes rotted to prevent possible seepage path along the roots.					

Photo 1 of 1 : FA\_2015\_RD0001\_23\_12\_20150910\_00007.jpg



View of the tree stump on the waterside levee slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.14	09/29/2015 09/29/2015	Maksim Khashchuk

LM Start	<b>0.24</b>	Rating **	A/W	Issue No.	<b>11</b>
LM End	<b>0.24</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.820362 °	37.820362 °	
			-121.378359 °	-121.378359 °	
DWR ID	DWR_RD0001_01_s_2014_11				
Action/Comments					
Material Inspector Comments: Stockpiled riprap on levee crown. Keep the stockpile so that a vehicle could maneuver around the pile to facilitate visibility and access of the levee.					

Photo 1 of 1 : FA\_2015\_RD0001\_23\_11\_20150910\_00006.jpg



View of the riprap stockpiled on the levee crown.

LM Start	<b>0.51</b>	Rating **	M	Issue No.	<b>5</b>
LM End	<b>0.51</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.818003 °	37.818003 °	
			-121.379845 °	-121.379845 °	
DWR ID	DWR_RD0001_01_f_2015_5				
Action/Comments					
Repair slope instability. Inspector Comments: About a 1 ft. vertical cut is observed at the landside levee toe. Repair the landside levee toe per O&M standards.					

Photo 1 of 1 : FA\_2015\_RD0001\_23\_5\_20151005\_00011.jpg



LM Start	<b>0.76</b>	Rating **	U	Issue No.	<b>4</b>
LM End	<b>0.76</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.815881 °	37.815881 °	
			-121.382704 °	-121.382704 °	
DWR ID	DWR_RD0001_01_f_2015_4				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Large burrow in the landside levee slope. Possible fox den.					

Photo 1 of 1 : FA\_2015\_RD0001\_23\_4\_20151005\_00010.jpg



View of a large rodent hole on the landside levee slope.

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LM Start	<b>1.11</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>1.11</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.811839 °	37.811839 °	
			-121.384527 °	-121.384527 °	
DWR ID	DWR_RD0001_01_f_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA\_2015\_RD0001\_23\_3\_20151005\_00009.jpg



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

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