

**Flood Control Project Maintenance  
Levee Inspections**

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

### Reclamation District No. 1601 Twitchell

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Left	2.43	11/03/2015 11/03/2015	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD1601_01_s _ 2013_6				
Action/Comments					
Inspector Comments: LMA has a copy of the O & M Manuals on file at the office.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				°		°
					°		°
DWR ID	DWR_RD1601_01_s _ 2013_7						
Action/Comments							
Inspector Comments: LMA has adequate floodfight supplies on hand.							

No Photos

LM Start	0.00	Rating **	A	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD1601_01_s _ 2013_8						
Action/Comments							
Inspector Comments: LMA staff involved in the yearly Twitchell Island exercise.							

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 Threemile Slough	Left	2.43	11/03/2015 11/03/2015	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.	13
LM End	0.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.122235 °	°
				-121.682553 °	°
DWR ID	DWR_RD1601_01_s _ 2015_13				
Action/Comments					
Repair depressions or ruts in the crown or slope.					
Inspector Comments: Rutting and holes on levee crown.					

No Photos

LM Start	0.35	Rating **	M	Issue No.	1
LM End	0.45	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.117236 °	38.115921 °
				-121.682869 °	-121.682293 °
DWR ID	DWR_RD1601_01_f _ 2015_1				
Action/Comments					
Repair depressions or ruts in the crown or slope.					
Inspector Comments: Rutting on levee crown.					

No Photos

LM Start	0.99	Rating **	C	Issue No.	14
LM End	1.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.108265 °	38.108115 °
				-121.682747 °	-121.682804 °
DWR ID	DWR_RD1601_01_s _ 2015_14				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving was observed on waterward shoulder and slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  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 Threemile Slough	Left	2.43	11/03/2015 11/03/2015	Richard Willoughby

LM Start	1.00	Rating **	M	Issue No.	2
LM End	1.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.108088 °	38.107128 °
				-121.682784 °	-121.683190 °
DWR ID	DWR_RD1601_01_f_2015_2				
Action/Comments					
Repair depressions or ruts in the crown or slope.					
Inspector Comments: Rutting on levee crown.					

No Photos

LM Start	1.27	Rating **	A	Issue No.	15
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.104340 °	38.104114 °
				-121.683890 °	-121.683933 °
DWR ID	DWR_RD1601_01_s_2015_15				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving observed on waterward shoulder and slope.					

Photo 1 of 3 : FA\_2015\_RD1601\_237\_15\_20151106\_00008.jpg



Looking northwest at repaired depression/caving on waterward shoulder and slope.

LM Start	<b>1.27</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2015\_RD1601\_237\_15\_20150914\_00004.jpg



Looking north at depression/caving on waterward shoulder and slope.

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LM Start	1.27	Rating **	A	Issue No.	15 (cont)
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.104340 °	38.104114 °
				-121.683890 °	-121.683933 °
DWR ID	DWR_RD1601_01_s _ 2015_15				
Action/Comments					
Repair slope instability. Inspector Comments: Slight caving observed on waterward shoulder and slope.					

Photo 3 of 3 : FA\_2015\_RD1601\_237\_15\_20150914\_000003.jpg



Looking south at depression/caving on waterward shoulder and slope.

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