

**Flood Control Project Maintenance  
Levee Inspections**

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

**Solano County Public Works Mellin Levee**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	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_NA0012_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_NA0012_01_s _ 2013_7						
Action/Comments							
Inspector Comments: LMA has an adequate supply of flood fight supplies on hand.							

No Photos

LM Start	0.00	Rating **	A	Issue No.	9		
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_NA0012_01_s _ 2013_9						
Action/Comments							
Inspector Comments: Latest training Oct. 2014							

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 Mellin Levee	Right	0.59	11/03/2015 11/03/2015	Richard Willoughby

LM Start	0.00	Rating **	M	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.174051 °	38.174051 °
				-121.674220 °	-121.674221 °
DWR ID	DWR_NA0012_01_s_2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Control Arundo on waterside slope at the entrance to the levee.					

Photo 1 of 1 : FA\_2015\_NA0012\_258\_1\_20150914\_00001.jpg



Looking west at arundo on waterside slope at entrance to unit.

LM Start	0.15	Rating **	A/W	Issue No.	10
LM End	0.59	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.175627 °	38.180044 °
				-121.676185 °	-121.681978 °
DWR ID	DWR_NA0012_01_s_2015_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Add appropriate gravel or road base.					

Photo 1 of 3 : FA\_2015\_NA0012\_258\_10\_20151106\_00009.jpg



Looking east at levee crown fall 2015.

LM Start	<b>0.15</b>	Rating **	A/W	Issue No.	<b>10 (cont)</b>
LM End	<b>0.59</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : FA\_2015\_NA0012\_258\_10\_20150914\_00006.jpg



Looking west at vegetation on levee crown at LM 0.00 to 0.10

* 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	

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Unit No. 01 Mellin Levee	Right	0.59	11/03/2015 11/03/2015	Richard Willoughby

LM Start	0.15	Rating **	A/W	Issue No.	10 (cont)	
LM End	0.59	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.175627 °		38.180044 °
				-121.676185 °		-121.681978 °
DWR ID	DWR_NA0012_01_s_2015_10					
Action/Comments						
Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comments: Add appropriate gravel or road base.						

Photo 3 of 3 : FA\_2015\_NA0012\_258\_10\_20150914\_00007.jpg



Looking west at vegetation on levee crown at LM 0.28 to 0.59

LM Start	0.58	Rating **	U	Issue No.	12
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.179966 °	38.179966 °
				-121.681872 °	-121.681872 °
DWR ID	DWR_NA0012_01_s_2015_12				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 2 : FA\_2015\_NA0012\_258\_12\_20151106\_00011.jpg



Looking at untrimmed tree on landward slope fall 2015.

LM Start	<b>0.58</b>	Rating **	U	Issue No.	<b>12 (cont)</b>
LM End	<b>0.58</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2015\_NA0012\_258\_12\_20150914\_00008.jpg



Looking east at untrimmed tree on landward slope spring 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	
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