

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2023

Solano County Public Works Mellin Levee

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mellin Levee	Right	0.59	10/31/2023 10/31/2023	Zach Jojola

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				
Comment Code					
OM : O&M Manuals					
Inspector Comment					
LMA has a copy of the O&M manual on file.					

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				
Comment Code					
ES : Emergency Supplies & Equipment					
Inspector Comment					
LMA has an adequate supply of flood fight supplies in Vacaville at the Lewis stockyard.					

No Photos

LM Start	0.00	Rating **	M	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				
Comment Code					
FP : Flood Preparedness & Training					
Inspector Comment					
LMA contracts with Solano County Channel Maintenance for flood fight. Staff have not recently been trained in Flood Fight Methods.					

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
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Unit No. 01 Mellin Levee	Right	0.59	10/31/2023 10/31/2023	Zach Jojola

LM Start	0.00	Rating **	A/W	Issue No.	10
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Livestock			38.174067°	38.177193°
				-121.674271°	-121.678229°
DWR ID	DWR_NA0012_01_s_2019_10				
Comment Code					
E4 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Repair instabilities caused by cattle walking on the waterside slope.					

Photo 1 of 1 : FA_2023_NA0012_258_10_20231019_00005.jpg



View of the erosion on the WS slope (Spring 2023).

LM Start	0.45	Rating **	M	Issue No.	2
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.178641°	38.178641°
				-121.680106°	-121.680106°
DWR ID	DWR_NA0012_01_f_2023_2				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on the waterside shoulder.					

Photo 1 of 1 : FA_2023_NA0012_258_2_20231031_00006.jpg



View of rodent holes on the waterside shoulder. Fall 2023.

* 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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