

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Sutter Maintenance Yard Maintenance Area 0012

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Drain	Left	11.06	10/22/2014 10/22/2014	Bob Duffey

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0012_01_s_2013_12				
Action/Comments					
Inspector Comments: The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0012_01_s_2013_13				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0012_01_s_2013_14				
Action/Comments					
Inspector Comments: The LMA completed flood fight training in 2014.					

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 Colusa Drain	Left	11.06	10/22/2014 10/22/2014	Bob Duffey

LM Start	2.22	Rating **	C	Issue No.	52
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.062465 °	39.062465 °
				-122.005479 °	-122.005479 °
DWR ID	DWR_MA0012_01_f_2013_52				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	4.83	Rating **	M	Issue No.	22
LM End	4.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			39.096777 °	39.096777 °
				-122.015548 °	-122.015548 °
DWR ID	DWR_MA0012_01_f_2014_22				
Action/Comments					

Photo 1 of 1 : FA_2014_MA0012_299_22_20141118_00009.jpg



View of the gate that needs to be repaired.

LM Start	5.30	Rating **	A/W	Issue No.	206
LM End	5.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.103490 °	39.103490 °
				-122.016340 °	-122.016340 °
DWR ID	DWR_MA0012_01_s_2012_206				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2014_MA0012_299_206_20141118_00011.jpg



View of the rodent holes on the landside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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LM Start	5.61	Rating **	A	Issue No.	23
LM End	5.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.107792 °	39.107792 °
				-122.016968 °	-122.016968 °
DWR ID	DWR_MA0012_01_f_2014_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2014_MA0012_299_23_20141118_00010.jpg



View of controlled vegetation on both slopes.

LM Start	6.38	Rating **	C	Issue No.	24
LM End	8.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.118211 °	39.142866 °
				-122.019951 °	-122.022094 °
DWR ID	DWR_MA0012_01_s_2014_24				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	8.82	Rating **	C	Issue No.	53
LM End	8.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.152245 °	39.152245 °
				-122.021782 °	-122.021782 °
DWR ID	DWR_MA0012_01_f_2013_53				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

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LM Start	8.92	Rating **	C	Issue No.	54
LM End	8.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.153702 °	39.153702 °
				-122.021773 °	-122.021773 °
DWR ID	DWR_MA0012_01_f_2013_54				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	9.03	Rating **	C	Issue No.	55
LM End	9.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.155207 °	39.155207 °
				-122.021769 °	-122.021769 °
DWR ID	DWR_MA0012_01_f_2013_55				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	10.72	Rating **	M	Issue No.	11
LM End	10.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.173971 °	39.173971 °
				-122.014362 °	-122.014362 °
DWR ID	DWR_MA0012_01_f_2013_11				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : FA_2014_MA0012_299_11_20141013_00001.jpg



View of the slope vehicle erosion.

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