

**Flood Control Project Maintenance
Levee Inspections**

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

Sutter Maintenance Yard Maintenance Area 0001

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	03/13/2015 03/13/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	19
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0001_01_s _ 2013_19				
Action/Comments					
Inspector Comments: The LMA has emergency supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	28
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0001_01_s _ 2013_28				
Action/Comments					
Inspector Comments: The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	29
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0001_01_s _ 2013_29				
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 Sacramento River	Right	16.76	03/13/2015 03/13/2015	Bob Duffey

LM Start	3.88	Rating **	M	Issue No.	50
LM End	3.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.257125 °	39.257125 °
				-122.012648 °	-122.012648 °
DWR ID	DWR_MA0001_01_f_2013_50				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_MA0001_297_50_20150310_00015.jpg



View of the elderberry on the landside slope.

LM Start	4.67	Rating **	A/W	Issue No.	73
LM End	4.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.266557 °	39.266557 °
				-122.011208 °	-122.011208 °
DWR ID	DWR_MA0001_01_s_2015_73				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_MA0001_297_73_20150406_00022.jpg



View of the rodent hole along the landside slope.

LM Start	4.89	Rating **	M	Issue No.	3
LM End	4.89	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.157957 °	39.158226 °
				-122.021950 °	-122.021950 °
DWR ID	DWR_MA0001_01_f_2014_3				
Action/Comments					
Inspector Comments: 2011 - Erosion occurring upstream and downstream of an irrigation diversion structure. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: SYC_9-3_L]					

No Photos

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	16.76	03/13/2015 03/13/2015	Bob Duffey

LM Start	5.77	Rating **	M	Issue No.	35
LM End	5.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.272773 °	39.272773 °
				-122.023290 °	-122.023290 °
DWR ID	DWR_MA0001_01_s _ 2012_35				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	7.70	Rating **	M	Issue No.	52
LM End	7.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.297303 °	39.297303 °
				-122.025257 °	-122.025257 °
DWR ID	DWR_MA0001_01_s _ 2012_52				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	11.01	Rating **	M	Issue No.	12
LM End	11.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.340774 °	39.340774 °
				-122.032872 °	-122.032872 °
DWR ID	DWR_MA0001_01_s _ 2012_12				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* 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 En : Enforcement
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Unit No. 01 Sacramento River	Right	16.76	03/13/2015 03/13/2015	Bob Duffey

LM Start	16.35	Rating **	M	Issue No.	1
LM End	16.58	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.407837 °	39.411111 °
				-122.008763 °	-122.009238 °
DWR ID	DWR_MA0001_01_f_2014_1				
Action/Comments					
Inspector Comments: Erosion site added in 1997 and removed in 2005. 2009 - Site added back in, hard toe with slow moving erosion. Potential geotechnical failure. 2011 - Site extended downstream. 2013: No observed changes. [2013 Site ID: SAC_164-3_R]					

Photo 1 of 2 : SP_2015_MA0001_297_1_20150310_00001.jpg



USACE 2013 Photo #1

LM Start	16.35	Rating **	M	Issue No.	1 (cont)
LM End	16.58	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2015_MA0001_297_1_20150310_00002.jpg



USACE 2013 Photo #2

* 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 En : Enforcement	
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