

**Flood Control Project Maintenance  
Levee Inspections**

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

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	10/14/2015 10/14/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	<b>4</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_ST0002_01_s_2013_4				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_ST0002_01_s_2013_5				
Action/Comments					
Inspector Comments: The LMA has flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_ST0002_01_s_2013_6				
Action/Comments					
Inspector Comments: The LMA has completed flood flight training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected 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 Sutter Bypass Levee	Left	21.68	10/14/2015 10/14/2015	Bob Duffey

LM Start	<b>3.54</b>	Rating **	A/W	Issue No.	<b>30</b>
LM End	<b>3.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		39.120417 °	39.120417 °	
			-121.779863 °	-121.779863 °	
DWR ID	DWR_ST0002_01_f_2015_30				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	<b>4.46</b>	Rating **	C	Issue No.	<b>28</b>
LM End	<b>4.46</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		39.112042 °	39.112042 °	
			-121.766687 °	-121.766687 °	
DWR ID	DWR_ST0002_01_s_2015_28				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Sutter Yard repaired the vehicle erosion along the the waterside slope.					

No Photos

LM Start	<b>4.78</b>	Rating **	C	Issue No.	<b>27</b>
LM End	<b>4.78</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.108427 °	39.108427 °	
			-121.762910 °	-121.762910 °	
DWR ID	DWR_ST0002_01_s_2015_27				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Sutter Yard repaired the beaver hole at the waterside toe.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	10/14/2015 10/14/2015	Bob Duffey

LM Start	<b>13.34</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>13.34</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.991857 °	38.991857 °	
			-121.711555 °	-121.711555 °	
DWR ID	DWR_ST0002_01_s_ 2015_23				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the erosion along the waterside slope.					



View of the vehicle erosion along the slope.

LM Start	<b>13.57</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>13.57</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.989703 °	38.989703 °	
			-121.708392 °	-121.708392 °	
DWR ID	DWR_ST0002_01_f_ 2015_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Sutter Yard burned and dragged the levee slopes.					



View of both slopes with no vegetation.

LM Start	<b>16.23</b>	Rating **	C	Issue No.	<b>24</b>
LM End	<b>16.23</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.965188 °	38.965188 °	
			-121.670365 °	-121.670365 °	
DWR ID	DWR_ST0002_01_f_ 2014_24				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Sutter Yard repaired the rodent holes along the landside slope.					

No Photos

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Unit No. 01 Sutter Bypass Levee	Left	21.68	10/14/2015 10/14/2015	Bob Duffey

LM Start	<b>17.60</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>17.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.949965 °	38.949965 °	
			-121.653823 °	-121.653823 °	
DWR ID	DWR_ST0002_01_s_2015_21				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the vehicle erosion along the waterside slope.					

Photo 1 of 2 : FA\_2015\_ST0002\_450\_21\_20150910\_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	<b>17.60</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>17.60</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_ST0002\_450\_21\_20151016\_00011.jpg



View of the vehicle erosion along the waterside slope.

LM Start	<b>20.02</b>	Rating **	M	Issue No.	<b>29</b>
LM End	<b>20.02</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.922678 °	38.922678 °	
			-121.625890 °	-121.625890 °	
DWR ID	DWR_ST0002_01_f_2015_29				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Repair the erosion along the waterside slope.					

Photo 1 of 1 : FA\_2015\_ST0002\_450\_29\_20151016\_00012.jpg



View of the vehicle erosion along the waterside slope.

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