

**Flood Control Project Maintenance  
Levee Inspections**

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

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.77	04/02/2015 04/02/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	4
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.	5
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.	6
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	21.77	04/02/2015 04/02/2015	Bob Duffey

LM Start	<b>1.57</b>	Rating **	C	Issue No.	<b>22</b>
LM End	<b>1.57</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.137025 °	39.137025 °
				-121.809713 °	-121.809713 °
DWR ID	DWR_ST0002_01_f_2014_22				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: The beaver hole has been repaired.					

No Photos

LM Start	<b>4.46</b>	Rating **	M	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: Repair the vehicle erosion along the the waterside slope.					

Photo 1 of 1 : SP\_2015\_ST0002\_450\_28\_20150406\_00005.jpg



View of the vehicle erosion along the waterside slope.

LM Start	<b>4.78</b>	Rating **	M	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: Repair the beaver hole at the waterside toe.					

Photo 1 of 1 : SP\_2015\_ST0002\_450\_27\_20150406\_00006.jpg



View of the beaver hole along the waterside toe.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.77	04/02/2015 04/02/2015	Bob Duffey

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>26</b>
LM End	<b>4.95</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.106428 °	39.106428 °
				-121.761150 °	-121.761150 °
DWR ID	DWR_ST0002_01_s_ 2015_26				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Repair the beaver hole at the waterside toe.					

Photo 1 of 1 : SP\_2015\_ST0002\_450\_26\_20150406\_00007.jpg



View of the beaver hole at the waterside toe.

LM Start	<b>5.20</b>	Rating **	M	Issue No.	<b>25</b>
LM End	<b>5.20</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.103313 °	39.103313 °
				-121.758813 °	-121.758813 °
DWR ID	DWR_ST0002_01_s_ 2015_25				
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 1 : SP\_2015\_ST0002\_450\_25\_20150406\_00008.jpg



View of the vehicle erosion along the waterside slope.

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>1</b>
LM End	<b>10.91</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.024835 °	39.024399 °
				-121.726929 °	-121.726808 °
DWR ID	DWR_ST0002_01_f_ 2014_1				
Action/Comments					
Inspector Comments: 2011 - Small section of the mid levee slope has eroded from wind wave. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: SBP_11-1_L]					

No Photos

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Unit No. 01 Sutter Bypass Levee	Left	21.77	04/02/2015 04/02/2015	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.					

No Photos

LM Start	<b>16.23</b>	Rating **	A/W	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.					

Photo 1 of 1 : SP\_2015\_ST0002\_450\_24\_20150310\_00003.jpg



View of the rodent holes on the landside slope.

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 1 : SP\_2015\_ST0002\_450\_21\_20150406\_00009.jpg



View of the vehicle erosion along the waterside slope.

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