

**Flood Control Project Maintenance
Levee Inspections**

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

Sutter Maintenance Yard East-West Interceptor

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	1.75	04/14/2015 04/14/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_NA0020_01_s_2013_9				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_NA0020_01_s_2013_10				
Action/Comments					
Inspector Comments: The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_NA0020_01_s_2013_11				
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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Waterway		Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee		Right	1.75	04/14/2015 04/14/2015	Bob Duffey

LM Start	0.00	Rating **	M	Issue No.	5
LM End	0.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.171577 °	39.171543 °	
			-121.760019 °	-121.758291 °	
DWR ID	DWR_NA0020_01_s_2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	7
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.171577 °	39.171481 °	
			-121.760019 °	-121.754826 °	
DWR ID	DWR_NA0020_01_s_2012_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_ST0020_213_7_20150310_00004.jpg



View of the vegetation along the w/s toe.

LM Start	0.62	Rating **	U	Issue No.	4
LM End	0.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.171292 °	39.171232 °	
			-121.748868 °	-121.748175 °	
DWR ID	DWR_NA0020_01_s_2012_4				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Repair the erosion along the concrete ditch before winter.					

Photo 1 of 1 : SP_2015_ST0020_213_4_20150420_00009.jpg



Repair the erosion along the concrete ditch before winter.

* Location LS : Land Side 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 West Levee	Right	1.75	04/14/2015 04/14/2015	Bob Duffey

LM Start	1.67	Rating **	U	Issue No.	6
LM End	1.67	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.171128 °	39.171128 °
				-121.729235 °	-121.729235 °
DWR ID	DWR_NA0020_01_s_2012_6				
Action/Comments					
Inspector Comments: Sutter Yard needs to repair the erosion before winter.					

Photo 1 of 1 : SP_2015_ST0020_213_6_20150420_00010.jpg



Repair the erosion along the waterside slope.

* 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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Sutter Maintenance Yard East-West Interceptor

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	04/23/2015 04/23/2015	Bob Duffey

LM Start	0.00	Rating **	M	Issue No.	11
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.171116 °	39.171101 °	
			-121.726501 °	-121.721857 °	
DWR ID	DWR_NA0020_02_s_2012_11				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.55	Rating **	M	Issue No.	2
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.171002 °	39.170507 °	
			-121.716293 °	-121.676212 °	
DWR ID	DWR_NA0020_02_s_2012_2				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the vegetation from both slopes.					

Photo 1 of 1 : SP_2015_ST0020_214_2_20150428_00016.jpg



View of the vegetation on both slopes.

LM Start	1.43	Rating **	M	Issue No.	3
LM End	1.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.170782 °	39.170817 °	
			-121.700167 °	-121.698203 °	
DWR ID	DWR_NA0020_02_s_2012_3				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_ST0020_214_3_20150310_00003.jpg



View of the piles of broken concrete next to the levee.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	04/23/2015 04/23/2015	Bob Duffey

LM Start	1.54	Rating **	M	Issue No.	4
LM End	1.93	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.170800 °	39.170702 °	
			-121.698105 °	-121.690788 °	
DWR ID	DWR_NA0020_02_s_2012_4				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0020_214_4_20150310_00004.jpg



View of the erosion along the waterside slope.

LM Start	1.92	Rating **	M	Issue No.	5
LM End	2.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.171104 °	39.171104 °	
			-121.718880 °	-121.718876 °	
DWR ID	DWR_NA0020_02_s_2012_5				
Action/Comments					
Equipment					

Photo 1 of 1 : SP_2015_ST0020_214_5_20150310_00005.jpg



View of the equipment and buildings next to the landside berm.

LM Start	1.95	Rating **	M	Issue No.	6
LM End	1.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.170775 °	39.170775 °	
			-121.691252 °	-121.691255 °	
DWR ID	DWR_NA0020_02_s_2012_6				
Action/Comments					
Note and monitor erosion site.					

Photo 1 of 1 : SP_2015_ST0020_214_6_20150310_00006.jpg



View of the erosion along the W/S slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 East Levee	Left	3.05	04/23/2015 04/23/2015	Bob Duffey

LM Start	2.02	Rating **	M	Issue No.	17
LM End	2.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.170756 °	39.170756 °
				-121.689841 °	-121.689841 °
DWR ID	DWR_NA0020_02_s_2013_17				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Repair the erosion along the waterside slope.					

Photo 1 of 1 : SP_2015_ST0020_214_17_20150428_00018.jpg



View of the erosion along the waterside slope.

LM Start	2.71	Rating **	M	Issue No.	10
LM End	2.71	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.170548 °	39.170548 °
				-121.675970 °	-121.675970 °
DWR ID	DWR_NA0020_02_s_2012_10				
Action/Comments					
Material Inspector Comments: Remove the lumber, garbage and equipment from the landside toe.					

Photo 1 of 1 : SP_2015_ST0020_214_10_20150428_00015.jpg



View of the material, garbage and equipment along the landside toe

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