

**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	05/04/2015 05/04/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Operations & Maintenance Manuals			o	o
DWR ID	DWR_NA0013_01_s_2012_7				
Action/Comments					
Inspector Comments: The Merced County Streams Group has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	8
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Emergency Supplies & Equipment			o	o
DWR ID	DWR_NA0013_01_s_2012_8				
Action/Comments					
Inspector Comments: There is a good storage of emergency supplies on hand.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start		End
Item	Flood Preparedness & Training			o	o
DWR ID	DWR_NA0013_01_s_2012_9				
Action/Comments					
Inspector Comments: Merced Streams Group send their crews to flood fight training yearly, making sure all have been prepared.					

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 Black Rascal Diversion	Right	1.61	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.09	Rating **	A	Issue No.	1
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.316005 °	37.317802 °	
			-120.396363 °	-120.396350 °	
DWR ID	DWR_NA0013_01_f_2014_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_NA0013_331_1_20150312_00001.jpg



Black Rascal Creek looking downstream from waterside slope, there are weeds present on the slope.

LM Start	0.12	Rating **	A	Issue No.	51
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.316362 °	37.336953 °	
			-120.396370 °	-120.396535 °	
DWR ID	DWR_NA0013_01_s_2015_51				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The District has mowed the slopes prior to this inspection May 2015.					

No Photos

LM Start	0.58	Rating **	C	Issue No.	2
LM End	0.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.323017 °	37.325225 °	
			-120.396615 °	-120.396647 °	
DWR ID	DWR_NA0013_01_f_2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Unit No. 01 Black Rascal Diversion	Right	1.61	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.24	Rating **	M	Issue No.	4
LM End	1.24	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Repair Gates		37.332165 °	37.332165 °	
			-120.394698 °	-120.394698 °	
DWR ID	DWR_NA0013_01_s_2015_4				
Action/Comments					
Inspector Comments: This wire gate across the crown roadway needs to be replaced. Replace with the same type of gate that's used through the District. (Pipe gate).					

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. 02 Black Rascal Diversion			Left	1.85	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.05	Rating **	M	Issue No.	18
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.336790 °	37.331656 °	
			-120.388135 °	-120.394289 °	
DWR ID	DWR_NA0013_02_s_2014_18				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.36	Rating **	M	Issue No.	20
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.335117 °	37.333553 °	
			-120.392479 °	-120.393522 °	
DWR ID	DWR_NA0013_02_s_2014_20				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	0.65	Rating **	C	Issue No.	21
LM End	1.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.331617 °	37.323695 °	
			-120.394290 °	-120.396052 °	
DWR ID	DWR_NA0013_02_f_2014_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

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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Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.69	Rating **	C	Issue No.	8
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.331107 °	37.327500 °	
			-120.394673 °	-120.396098 °	
DWR ID	DWR_NA0013_02_s_2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.94	Rating **	M	Issue No.	7
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.327791 °	37.326354 °	
			-120.396097 °	-120.396074 °	
DWR ID	DWR_NA0013_02_f_2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.01	Rating **	M	Issue No.	1
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.326801 °	37.314669 °	
			-120.396067 °	-120.395810 °	
DWR ID	DWR_NA0013_02_s_2014_1				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: There need to be bait stations in places throughout the area where rodent are active.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.29	Rating **	M	Issue No.	26
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.322615 °	37.322615 °
				-120.395948 °	-120.395948 °
DWR ID	DWR_NA0013_02_s_2015_26				
Action/Comments					
Inspector Comments: 7/31/2014: Soil has been added near the site. More vegetation is visible. 7/16/2013: The site was reported in the 2013 Spring Levee Inspection Reports. The erosion was caused by the water from the discharge line crossing the levee. Above the erosion a concrete discharge structure is present at the levee toe. The site is covered with dense vegetation. [2014 Site ID:NA0013U02RM1.31]					

Photo 1 of 1 : SP_2015_NA0013_332_26_20150312_00006.jpg



Looking down at the site.

LM Start	1.32	Rating **	C	Issue No.	15
LM End	1.43	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.322212 °	37.320701 °
				-120.395620 °	-120.395767 °
DWR ID	DWR_NA0013_02_s_2012_15				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.44	Rating **	C	Issue No.	9
LM End	1.46	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.320518 °	37.320168 °
				-120.396029 °	-120.396011 °
DWR ID	DWR_NA0013_02_s_2013_9				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: Crown roadway damage by vehicles traveling while roadway was wet.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.52	Rating **	C	Issue No.	11
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.319316 °	37.319316 °	
			-120.396007 °	-120.396007 °	
DWR ID	DWR_NA0013_02_s_2012_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	1.63	Rating **	N	Issue No.	4
LM End	1.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.317802 °	37.317802 °	
			-120.395765 °	-120.395765 °	
DWR ID	DWR_NA0013_02_s_2013_4				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.64	Rating **	M	Issue No.	27
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.317588 °	37.314669 °	
			-120.395738 °	-120.395810 °	
DWR ID	DWR_NA0013_02_f_2014_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

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. 02 Black Rascal Diversion	Left	1.85	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.64	Rating **	M	Issue No.	28
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.317588 °	37.314669 °	
			-120.395738 °	-120.395810 °	
DWR ID	DWR_NA0013_02_f_2014_28				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: The crown roadway is overgrown with unwanted wild weeds.					

Photo 1 of 1 : SP_2015_NA0013_332_28_20150312_00007.jpg



Looking downstream at the crown.

* 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. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	97
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257731 °	37.273315 °	
			-120.288550 °	-120.277750 °	
DWR ID	DWR_NA0013_03_s_2015_97				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the tall weeds from the waterside levee slope.					

Photo 1 of 1 : SP_2015_NA0013_333_97_20150508_00102.jpg



Unsatisfactory wild tall weeds on the landside levee slope.

LM Start	0.00	Rating **	M	Issue No.	20
LM End	0.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.257731 °	37.259965 °	
			-120.288546 °	-120.288560 °	
DWR ID	DWR_NA0013_03_s_2014_20				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	0.00	Rating **	U	Issue No.	21
LM End	0.65	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257731 °	37.266833 °	
			-120.288546 °	-120.287558 °	
DWR ID	DWR_NA0013_03_s_2014_21				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Crown roadway shall be free of vegetation.					

Photo 1 of 1 : SP_2015_NA0013_333_21_20150508_00100.jpg



Looking downstream from levee mile 0.00 the crown road way is overgrown with weeds asis both slopes.

* 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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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.02	Rating **	U	Issue No.	19
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257902 °	37.258553 °	
			-120.288348 °	-120.288498 °	
DWR ID	DWR_NA0013_03_f_2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The landside levee slope is covered with tall dead weeds.					

No Photos

LM Start	0.12	Rating **	M	Issue No.	28
LM End	0.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.259383 °	37.260410 °	
			-120.288545 °	-120.288557 °	
DWR ID	DWR_NA0013_03_f_2014_28				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	0.17	Rating **	M	Issue No.	11
LM End	0.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.260055 °	37.260055 °	
			-120.288545 °	-120.288545 °	
DWR ID	DWR_NA0013_03_s_2013_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

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. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.25	Rating **	M	Issue No.	25
LM End	0.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.261205 °	37.261205 °	
			-120.288550 °	-120.288550 °	
DWR ID	DWR_NA0013_03_s_2014_25				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.44	Rating **	M	Issue No.	13
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.263951 °	37.264101 °	
			-120.288472 °	-120.288474 °	
DWR ID	DWR_NA0013_03_s_2013_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.48	Rating **	U	Issue No.	27
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.264472 °	37.267925 °	
			-120.288464 °	-120.286572 °	
DWR ID	DWR_NA0013_03_f_2014_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the tall dead weeds from the levee section landside.					

Photo 1 of 1 : SP_2015_NA0013_333_27_20150508_00101.jpg



Looking upstream landside unsatisfactory tall weeds on slope and berm.

* 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. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.55	Rating **	C	Issue No.	3
LM End	0.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.265460 °	37.266225 °
				-120.288447 °	-120.287980 °
DWR ID	DWR_NA0013_03_f_2012_3				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	0.65	Rating **	M	Issue No.	98
LM End	1.41	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				37.273315 °
					-120.277750 °
DWR ID	DWR_NA0013_03_s_2015_98				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.81	Rating **	M	Issue No.	29
LM End	0.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.268712 °	37.269115 °
				-120.285962 °	-120.285613 °
DWR ID	DWR_NA0013_03_f_2014_29				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

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. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.97	Rating **	U	Issue No.	31
LM End	0.97	Issue Type +	Ma	Location *	WS
Category	Rivers, Channels & Designated Floodways			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.270665 °	37.270665 °
				-120.284330 °	-120.284330 °
DWR ID	DWR_NA0013_03_f_2014_31				
Action/Comments					
Inspector Comments: Remove the earthen dam placed across the channel. May 2015: THIS EARTHEN DAM WAS NOT REMOVED.					



Earthen dam placed across the channel. No new photo taken 2015.

LM Start	0.97	Rating **	M	Issue No.	32
LM End	0.99	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.270673 °	37.270828 °
				-120.284307 °	-120.284140 °
DWR ID	DWR_NA0013_03_f_2014_32				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	1.09	Rating **	U	Issue No.	9
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.271737 °	37.272498 °
				-120.282642 °	-120.280511 °
DWR ID	DWR_NA0013_03_f_2012_9				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: This levee section has a history of rodent problems that has been known for many years. There should be bait stations in place in these infested areas.					



Levee slope taken over by rodents Photo taken 4-23-2014. No new photo 2015.

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.18	Rating **	M	Issue No.	970
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272444 °	37.272444 °
				-120.281282 °	-120.281282 °
DWR ID	DWR_NA0013_03_s_2012_970				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.20	Rating **	M	Issue No.	15
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272510 °	37.272860 °
				-120.281043 °	-120.280287 °
DWR ID	DWR_NA0013_03_s_2013_15				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.20	Rating **	M	Issue No.	14
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272510 °	37.272860 °
				-120.281042 °	-120.280287 °
DWR ID	DWR_NA0013_03_s_2013_14				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.21	Rating **	M	Issue No.	971
LM End	1.21	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272553 °	37.272553 °
				-120.280742 °	-120.280742 °
DWR ID	DWR_NA0013_03_s_2012_971				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	1.24	Rating **	M	Issue No.	7
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.272707 °	37.273379 °
				-120.280334 °	-120.279976 °
DWR ID	DWR_NA0013_03_s_2012_7				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District needs to be more aggressive in their efforts of controlling the ground rodents. There should be some bait stations placed in infected areas.					

Photo 1 of 1 : SP_2015_NA0013_333_7_20150312_00001.jpg



Looking at the rodent holes at the levee slope. Levee mile 1.25-1.30.
No new picture.

LM Start	1.39	Rating **	M	Issue No.	33
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.273537 °	37.273627 °
				-120.278290 °	-120.277823 °
DWR ID	DWR_NA0013_03_f_2014_33				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	84
LM End	0.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.273315 °	37.272862 °	
			-120.277750 °	-120.280005 °	
DWR ID	DWR_NA0013_04_s_2015_84				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Remove the wild growth from levee section.					

Photo 1 of 1 : SP_2015_NA0013_334_84_20150508_00088.jpg



Unsatisfactory growth on crown roadway and both slopes.

LM Start	0.17	Rating **	U	Issue No.	87
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272507 °	37.272335 °	
			-120.280172 °	-120.280617 °	
DWR ID	DWR_NA0013_04_s_2015_87				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_NA0013_334_87_20150508_00089.jpg



Active rodents on landside slope.

LM Start	0.18	Rating **	M	Issue No.	15
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272477 °	37.272103 °	
			-120.280222 °	-120.281465 °	
DWR ID	DWR_NA0013_04_s_2013_15				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.18	Rating **	U	Issue No.	8
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272429 °	37.272380 °	
			-120.280250 °	-120.280360 °	
DWR ID	DWR_NA0013_04_f_2012_8				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: There should be bait stations placed along the infested areas.					

Photo 1 of 1 : SP_2015_NA0013_334_8_20150508_00087.jpg



Unsatisfactory rodent activity continues to be present and active.

LM Start	0.20	Rating **	U	Issue No.	89
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272342 °	37.268648 °	
			-120.280480 °	-120.285563 °	
DWR ID	DWR_NA0013_04_s_2015_89				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_NA0013_334_89_20150508_00098.jpg



Tall weeds present on the landside levee slope and toe.

LM Start	0.20	Rating **	U	Issue No.	88
LM End	1.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272342 °	37.262847 °	
			-120.280480 °	-120.287878 °	
DWR ID	DWR_NA0013_04_s_2015_88				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_NA0013_334_88_20150508_00099.jpg



Tall weeds present on the waterside levee slope and toe from levee mile 0.20-1.03.

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.24	Rating **	M	Issue No.	17
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272157 °	37.272029 °	
			-120.281152 °	-120.281500 °	
DWR ID	DWR_NA0013_04_f_2012_17				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	0.45	Rating **	U	Issue No.	1
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.270328 °	37.270328 °	
			-120.284227 °	-120.284227 °	
DWR ID					
Action/Comments					
Pipe Inspector Comments: The inlet should not be blocked off.					

Photo 1 of 2 : SP_2015_NA0013_334_1_20150508_00090.jpg



Culvert inlet completely covered up on the landside.

LM Start	0.45	Rating **	U	Issue No.	1 (cont)
LM End	0.45	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2015_NA0013_334_1_20150508_00091.jpg



View of the outlet.

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.58	Rating **	U	Issue No.	2
LM End	0.58	Issue Type +	Ma	Location *	CR
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.268675 °	37.268675 °
				-120.285513 °	-120.285513 °
DWR ID	DWR_NA0013_04_s_2015_2				
Action/Comments					
Inspector Comments: Inlet covered with dirt.					

Photo 1 of 1 : SP_2015_NA0013_334_2_20150508_00092.jpg



Culvert has been blocked off with dirt on the inlet side.

LM Start	0.69	Rating **	M	Issue No.	22
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.267393 °	37.262847 °
				-120.286600 °	-120.287878 °
DWR ID	DWR_NA0013_04_s_2015_22				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.81	Rating **	U	Issue No.	27
LM End	0.81	Issue Type +	Ma	Location *	CR
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.265923 °	37.265923 °
				-120.287797 °	-120.287797 °
DWR ID	DWR_NA0013_04_s_2015_27				
Action/Comments					
Inspector Comments: Remove the material from the inlet of this culvert.					

Photo 1 of 2 : SP_2015_NA0013_334_27_20150508_00093.jpg



The inlet of the culvert has been blocked.

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	0.81	Rating **	U	Issue No.	27 (cont)
LM End	0.81	Issue Type +	Ma	Location *	CR
Category	Interior Drainage & Piping Systems			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.265923 °	37.265923 °
				-120.287797 °	-120.287797 °
DWR ID	DWR_NA0013_04_s_2015_27				
Action/Comments					
Inspector Comments: Remove the material from the inlet of this culvert.					



View on the outlet.

LM Start	0.87	Rating **	U	Issue No.	29
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.265188 °	37.263963 °
				-120.288058 °	-120.288050 °
DWR ID	DWR_NA0013_04_f_2014_29				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District needs to place bait stations along infested areas of the levee section where activity is high.					



Looking downstream from levee mile 0.87 active rodent holes on landside slope.

LM Start	1.02	Rating **	C	Issue No.	18
LM End	1.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.262920 °	37.257759 °
				-120.287842 °	-120.287956 °
DWR ID	DWR_NA0013_04_s_2012_18				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

* 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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**Flood Control Project Maintenance
Levee Inspections**

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

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	05/04/2015 05/04/2015	Herman Phillips

LM Start	1.08	Rating **	U	Issue No.	6
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.262188 °	37.257387 °	
			-120.288142 °	-120.288287 °	
DWR ID	DWR_NA0013_04_s_2015_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the wild growth of weeds from the waterside levee slope.					

Photo 1 of 1 : SP_2015_NA0013_334_6_20150508_00096.jpg



Unsatisfactory wild growth of weeds on the waterside levee slope.

LM Start	1.12	Rating **	U	Issue No.	10
LM End	1.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.261633 °	37.257387 °	
			-120.288105 °	-120.288287 °	
DWR ID	DWR_NA0013_04_s_2015_10				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Remove the wild weeds from the levee section.					

Photo 1 of 1 : SP_2015_NA0013_334_10_20150508_00097.jpg



Unsatisfactory growth of weeds on the landside levee 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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