

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	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	
DWR ID	DWR_NA0013_01_s_2012_7				
Comment Code					
Inspector Comment					
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	
DWR ID	DWR_NA0013_01_s_2012_8				
Comment Code					
Inspector Comment					
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	
DWR ID	DWR_NA0013_01_s_2012_9				
Comment Code					
Inspector Comment					
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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.01	Rating **	U	Issue No.	2
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.314812 °	37.317443 °	
			-120.396380 °	-120.396317 °	
DWR ID	DWR_NA0013_01_s_2016_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild weeds on the landside shoulder and slope.					

Photo 1 of 1 : SP_2016_NA0013_331_2_20160506_00005.jpg



Looking upstream from levee mile 0.01 Unit 1 Black Rascal Creek, tall weeds 24-inches and greater on the landside slope.

LM Start	0.01	Rating **	U	Issue No.	6
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.314812 °	37.332237 °	
			-120.396380 °	-120.394693 °	
DWR ID	DWR_NA0013_01_s_2016_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall weeds on the waterside shoulder and slope.					

Photo 1 of 1 : SP_2016_NA0013_331_6_20160506_00006.jpg



looking upstream levee mile 0.01 -1.25 unwanted tall weeds are present on the waterside shoulder and 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.05	Rating **	M	Issue No.	13
LM End	1.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.315320°	37.337097°	
			-120.396370°	-120.396520°	
DWR ID	DWR_NA0013_01_s_2016_13				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
District need to add appropriate gravel or road base where needed and regrade for proper drainage.					

No Photos

LM Start	0.05	Rating **	M	Issue No.	10
LM End	0.18	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.315320°	37.317233°	
			-120.396368°	-120.396322°	
DWR ID	DWR_NA0013_01_s_2016_10				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

LM Start	0.24	Rating **	U	Issue No.	11
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.318130°	37.332237°	
			-120.396382°	-120.394693°	
DWR ID	DWR_NA0013_01_s_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall weeds on the landside slope.					

Photo 1 of 1 : SP_2016_NA0013_331_11_20160506_00007.jpg



Looking upstream from the landside of levee mile 0.24-1.25 weeds taller than 24" on the 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.27	Rating **	M	Issue No.	12
LM End	0.37	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			37.318523 °	37.319920 °
				-120.396642 °	-120.396582 °
DWR ID	DWR_NA0013_01_s_2016_12				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Repair the crown damaged by vehicle.					

Photo 1 of 1 : SP_2016_NA0013_331_12_20160506_00008.jpg



Looking upstream from levee mile 0.27- 0.37 crown roadway damage by vehicle.

LM Start	0.73	Rating **	M	Issue No.	14
LM End	0.80	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.325163 °	37.326190 °
				-120.396640 °	-120.396660 °
DWR ID	DWR_NA0013_01_s_2016_14				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.98	Rating **	M	Issue No.	15
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.328857 °	37.332237 °	
			-120.396677 °	-120.394693 °	
DWR ID	DWR_NA0013_01_s_2016_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

No Photos

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_f_2014_4				
Comment Code					
Inspector Comment					
This wire gate across the crown roadway needs to be replaced.					

Photo 1 of 1 : SP_2016_NA0013_331_4_20160223_00001.jpg



This wire gate needs replacing, it poses a safety hazard.

LM Start	1.27	Rating **	M	Issue No.	16
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.332563 °	38.337097 °	
			-120.394765 °	-120.396520 °	
DWR ID	DWR_NA0013_01_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall weeds along the landside slope.					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Black Rascal Diversion	Right	1.61	04/12/2016 04/12/2016	Herman Phillips

LM Start	1.35	Rating **	M	Issue No.	17
LM End	1.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.333693 °	37.337097 °	
			-120.395177 °	-120.396520 °	
DWR ID	DWR_NA0013_01_s_2016_17				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
The crown roadway should be free of vegetation.					

No Photos

LM Start	1.41	Rating **	U	Issue No.	18
LM End	1.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.334533 °	37.337097 °	
			-120.395398 °	-120.396520 °	
DWR ID	DWR_NA0013_01_s_2016_18				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
This vehicle damage would be prevented if the crown road way had appropriate road base placed and graded.					

Photo 1 of 1 : SP_2016_NA0013_331_18_20160506_00009.jpg



Looking upstream from the levee miles 1.41 to 1.61 soft crown roadway. Not enough appropriate gravel and or road base.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	10
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.337008 °	37.332155 °	
			-120.387457 °	-120.394130 °	
DWR ID	DWR_NA0013_02_s_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0013_332_10_20160506_00021.jpg



Looking downstream from levee miles 0.01-0.61 waterside slope.

LM Start	0.01	Rating **	M	Issue No.	8
LM End	0.61	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.337008 °	37.332155 °	
			-120.387457 °	-120.394130 °	
DWR ID	DWR_NA0013_02_s_2016_8				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Crown roadway should be free of vegetation.					

Photo 1 of 1 : SP_2016_NA0013_332_8_20160506_00020.jpg



LM Start	0.61	Rating **	U	Issue No.	12
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.332155 °	37.314999 °	
			-120.394130 °	-120.395745 °	
DWR ID	DWR_NA0013_02_s_2016_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside levee slope.					

Photo 1 of 1 : SP_2016_NA0013_332_12_20160506_00025.jpg



Looking downstream from levee mile 0.61-1.85 weeds taller than 2.0 foot on 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.62	Rating **	U	Issue No.	13
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.332042 °	37.328865 °	
			-120.394105 °	-120.396062 °	
DWR ID	DWR_NA0013_02_s_2016_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the tall weeds from the landside levee section.					

Photo 1 of 1 : SP_2016_NA0013_332_13_20160506_00026.jpg



Looking downstream from the landward shoulder unwanted tall weeds present on the slope.

LM Start	0.63	Rating **	M	Issue No.	14
LM End	0.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.331915 °	37.327937 °	
			-120.394162 °	-120.396085 °	
DWR ID	DWR_NA0013_02_s_2016_14				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.73	Rating **	M	Issue No.	15
LM End	0.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.330573 °	37.327937 °	
			-120.395117 °	-120.396085 °	
DWR ID	DWR_NA0013_02_s_2016_15				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					

No Photos

LM Start	0.86	Rating **	A/W	Issue No.	16
LM End	0.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.328865 °	37.327937 °	
			-120.396062 °	-120.396085 °	
DWR ID	DWR_NA0013_02_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.97	Rating **	M	Issue No.	17
LM End	0.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.327340 °	37.327340 °	
			-120.396080 °	-120.396080 °	
DWR ID	DWR_NA0013_02_s_2016_17				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	04/12/2016 04/12/2016	Herman Phillips

LM Start	1.10	Rating **	M	Issue No.	18
LM End	1.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.325510 °	37.325510 °	
			-120.396050 °	-120.396050 °	
DWR ID	DWR_NA0013_02_s_2016_18				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	1.30	Rating **	M	Issue No.	19
LM End	1.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		37.322493 °	37.322493 °	
			-120.396020 °	-120.396020 °	
DWR ID	DWR_NA0013_02_s_2016_19				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

No Photos

LM Start	1.44	Rating **	M	Issue No.	20
LM End	1.62	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Crown Surface / Depressions / Rutting		37.320537 °	37.317988 °	
			-120.396000 °	-120.395717 °	
DWR ID	DWR_NA0013_02_s_2016_20				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Black Rascal Diversion	Left	1.85	04/12/2016 04/12/2016	Herman Phillips

LM Start	1.63	Rating **	U	Issue No.	21
LM End	1.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.317798 °	37.314609 °	
			-120.395720 °	-120.395807 °	
DWR ID	DWR_NA0013_02_s_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild growth from the landside slope levee miles 1.63 -1.85.					

Photo 1 of 1 : SP_2016_NA0013_332_21_20160506_00027.jpg



Looking downstream from levee miles 1.63-1.85 landside slope covered with tall weeds.

LM Start	1.63	Rating **	U	Issue No.	22
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.317798 °	37.314609 °	
			-120.395720 °	-120.395807 °	
DWR ID	DWR_NA0013_02_s_2016_22				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of all vegetation.					

Photo 1 of 1 : SP_2016_NA0013_332_22_20160506_00028.jpg



* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	8
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257738 °	37.262640 °	
			-120.288518 °	-120.288618 °	
DWR ID	DWR_NA0013_03_s_2016_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unwanted tall weeds from the landward slope and toe.					

Photo 1 of 1 : SP_2016_NA0013_333_8_20160506_00024.jpg



Looking upstream from levee mile 0.00 - 0.35 landside slope over grown with tall weed growth.

LM Start	0.00	Rating **	U	Issue No.	9
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257738 °	37.262640 °	
			-120.288518 °	-120.288618 °	
DWR ID	DWR_NA0013_03_s_2016_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Unable to see the slope weeds taller than 5.0 foot blocking view levee section.					

Photo 1 of 1 : SP_2016_NA0013_333_9_20160506_00023.jpg



Looking upstream levee mile 0.00 -0.35 weeds taller than 5.0-foot present on the slope and shoulder.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	10
LM End	0.35	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.257738 °	37.262640 °	
			-120.288518 °	-120.288618 °	
DWR ID	DWR_NA0013_03_s_2016_10				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP_2016_NA0013_333_10_20160506_00025.jpg



Looking upstream from levee mile 0.00 - 0.35 vegetation covering crown roadway.

LM Start	0.41	Rating **	M	Issue No.	11
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.263368 °	37.266193 °	
			-120.288623 °	-120.288037 °	
DWR ID	DWR_NA0013_03_s_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.42	Rating **	M	Issue No.	14
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.263628 °	37.266193 °	
			-120.288635 °	-120.288037 °	
DWR ID	DWR_NA0013_03_s_2016_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

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
--	--	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.42	Rating **	U	Issue No.	12
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.263628 °	37.272905 °	
			-120.288635 °	-120.280283 °	
DWR ID	DWR_NA0013_03_s_2016_12				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP_2016_NA0013_333_12_20160506_00026.jpg



looking upstream from levee mile 0.42 Crown road covered with vegetation.

LM Start	0.60	Rating **	U	Issue No.	16
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.266193 °	37.272905 °	
			-120.288037 °	-120.280283 °	
DWR ID	DWR_NA0013_03_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the weed growth on the landside slope.					

Photo 1 of 1 : SP_2016_NA0013_333_16_20160506_00027.jpg



Looking upstream from levee mile 0.60- 1.25 landside 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	04/12/2016 04/12/2016	Herman Phillips

LM Start	0.60	Rating **	U	Issue No.	17
LM End	1.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.266193 °	37.273638 °	
			-120.288037 °	-120.277840 °	
DWR ID	DWR_NA0013_03_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the weed growth on the waterside slope.					

Photo 1 of 1 : SP_2016_NA0013_333_17_20160506_00028.jpg



Looking upstream from the waterside slope levee mile 0.60- 1.41.

LM Start	1.22	Rating **	M	Issue No.	19
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272587 °	37.272905 °	
			-120.280683 °	-120.280283 °	
DWR ID	DWR_NA0013_03_s_2016_19				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations need to be installed on the landside levee section.					

No Photos

LM Start	1.22	Rating **	U	Issue No.	20
LM End	1.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272587 °	37.272905 °	
			-120.280683 °	-120.280283 °	
DWR ID	DWR_NA0013_03_s_2016_20				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Bait stations are needed at this location and where rodents are active.					

Photo 1 of 1 : SP_2016_NA0013_333_20_20160506_00029.jpg



Looking upstream from levee mile 1.22 active rodents seen in area.

* 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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Owens Creek Diversion	Right	1.43	04/12/2016 04/12/2016	Herman Phillips

LM Start	1.22	Rating **	U	Issue No.	21
LM End	1.25	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272587 °	37.272905 °	
			-120.280683 °	-120.280283 °	
DWR ID	DWR_NA0013_03_s_2016_21				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Treat the rodents and back fill the borrows.					

Photo 1 of 1 : SP_2016_NA0013_333_21_20160506_00030.jpg



Rodent holes in crown roadway.

* 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
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	04/13/2016 04/13/2016	Herman Phillips

LM Start	0.02	Rating **	U	Issue No.	9
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272933 °	37.272927 °	
			-120.278038 °	-120.280037 °	
DWR ID	DWR_NA0013_04_s_2016_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Levee mile 0.02 to 0.14 landside over grown with tall weeds. Spray or mow to control the wild growth.					

Photo 1 of 1 : SP_2016_NA0013_334_9_20160510_00025.jpg



NA0013 Unit 4 Levee mile 0.02 -0.14 landside and crown roadway covered with unwanted tall weeds. This section is more of a patrol road and not considered a levee. The actual levee begins once you cross Mission.

LM Start	0.14	Rating **	M	Issue No.	10
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272927 °	37.262560 °	
			-120.280037 °	-120.288507 °	
DWR ID	DWR_NA0013_04_s_2016_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	04/13/2016 04/13/2016	Herman Phillips

LM Start	0.15	Rating **	M	Issue No.	11
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272882°	37.272312°	
			-120.280003°	-120.280842°	
DWR ID	DWR_NA0013_04_s_2016_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.18	Rating **	M	Issue No.	12
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272487°	37.262560°	
			-120.280187°	-120.288507°	
DWR ID	DWR_NA0013_04_s_2016_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	0.18	Rating **	M	Issue No.	13
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		37.272487°	37.262560°	
			-120.280187°	-120.288507°	
DWR ID	DWR_NA0013_04_s_2016_13				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	04/13/2016 04/13/2016	Herman Phillips

LM Start	0.22	Rating **	U	Issue No.	14
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.272312 °	37.265843 °	
			-120.280842 °	-120.287897 °	
DWR ID	DWR_NA0013_04_s_2016_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0013_334_14_20160510_00026.jpg



NA0013 Unit 4 looking downstream landside slope over grown with tall unwanted weeds.

LM Start	0.33	Rating **	M	Issue No.	15
LM End	1.06	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.271388 °	37.262560 °	
			-120.282633 °	-120.288507 °	
DWR ID	DWR_NA0013_04_s_2016_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					

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
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

Merced Streams Group

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Owens Creek Diversion	Left	1.42	04/13/2016 04/13/2016	Herman Phillips

LM Start	1.06	Rating **	U	Issue No.	18
LM End	1.42	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.262560 °	37.257311 °	
			-120.288507 °	-120.288288 °	
DWR ID	DWR_NA0013_04_s_2016_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
NA0013 Unit 4 levee mile 1.06- 1.42 mow and spray these tall unwanted weeds that are taller than 4.0 foot completely blocking the view of the entire levee section, crown and both slopes.					

Photo 1 of 1 : SP_2016_NA0013_334_18_20160510_00028.jpg



NA0013 Unit 4 looking downstream at the crown roadway weeds taller than 4.0 foot covering the entire levee section, crown and both slopes.

LM Start	1.06	Rating **	U	Issue No.	16
LM End	1.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.262560 °	37.257311 °	
			-120.288510 °	-120.288288 °	
DWR ID	DWR_NA0013_04_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the tall unwanted weeds on the landside levee slope.					

Photo 1 of 1 : SP_2016_NA0013_334_16_20160510_00027.jpg



NA0013 Unit 4 levee miles 1.06- 1.42 tall unwanted weeds covering the shoulder and landside 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
--	--	---	---