

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2015 Levee Inspection Results
Merced Streams Group

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Merced Streams Group

Waterway		Bank	Unit Miles	
Unit No. 01 Black Rascal Diversion		Right	1.61	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/04/2015 - 05/04/2015			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Walejko Merced Co. Irrigation District			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

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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**Flood Control Project Maintenance
Levee Inspections**

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	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	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**

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	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

LM Start	1.31	Rating **	M	Issue No.	52
LM End	1.31	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.332805 °	37.332805 °
				-120.394906 °	-120.394906 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41672 DS_ID:23079 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Verify Pipe is abandoned or still intact.may be this crossing was abandoned/removed during recent levee reconstruction.no signs of pipe and appurtenances on waterside. only a CM pipe riser with slide gate found on landside. FIELD_STRUCT_DESC: 36-inch corrugated metal pipe through the levee, 10.0 feet below the crown, riser on the landward side, concrete headwall and cobble spillway on the landward toe, screw gate in a 48-inch pipe well on the waterward slope, concrete headwall on the waterward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Merced Streams Group

Waterway		Bank	Unit Miles	
Unit No. 02 Black Rascal Diversion		Left	1.85	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/04/2015 - 05/04/2015			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

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- a) completion of the inspection
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

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	0.00	Rating **	U	Issue No.	2
LM End	0.00	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.337034 °	37.337034 °	
			-120.387422 °	-120.387422 °	
DWR ID	DWR_NA0013_02_f_2012_2				
Action/Comments					
Pipe Inspector Comments: There is no CVFPB permit on record for this issue. I meet with the owner of this issue 5-4-2015 informed him that he need to acquire a CVFPB Permit. I introduced him to Mr. Mike Walejko of Merced County Irrigation District. This issue will remain to be unsatisfactory until a permit has been issued.					

Photo 1 of 1 : SP_2015_NA0013_332_2_20150508_00170.jpg



Unauthorized encroachment within the 10-foot landside easement.

LM Start	0.01	Rating **	M	Issue No.	133
LM End	0.01	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.337019 °	37.337019 °	
			-120.387539 °	-120.387539 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21263 DS_ID:23052 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs more investigations on this crossing: new water filtration plant on LS with pump and concrete vault a concrete standpipe and CM pipe riser on WS. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 5.0 feet below the crown, riser on the landward side, screw gate in a 36-inch pipe well on the waterward slope (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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

* 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**

Levee Inspection Report By Mile - Spring 2015

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	0.30	Rating **	U	Issue No.	134
LM End	0.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.336006 °	37.336006 °
				-120.392011 °	-120.392011 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41261 DS_ID:23053 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - needs vegetation cleaning on both sides.flap gate was not closed during field surveyinlet needs cleaning. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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

* 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**

Levee Inspection Report By Mile - Spring 2015

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	0.54	Rating **	M	Issue No.	135
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.333180 °	37.333180 °
				-120.394069 °	-120.394069 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20946 DS_ID:23054 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation cleaning on both sides.flap gate was not properly closed during field survey inlet needs cleaning. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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

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

* 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**

Levee Inspection Report By Mile - Spring 2015

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	0.75	Rating **	M	Issue No.	136
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.330525 °	37.330525 °
				-120.395132 °	-120.395132 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20992 DS_ID:23055 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - mud and debris from recent channel cleaning needs to be removed from spillway and outlet pipe filled with debris, it needs cleaning.half of intet pipe burried. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

LM Start	0.88	Rating **	C	Issue No.	24
LM End	0.88	Issue Type +	En	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.328567 °	37.328567 °
				-120.396062 °	-120.396062 °
DWR ID	DWR_NA0013_02_s_2014_24				
Action/Comments					
Tree or limb Inspector Comments: Three fruit trees with irrigation system, 2 stockpiles on the landside toe, and a rock pad placed on the land side toe. Discovered during the fall 2014 inspection. A structure has been installed on the landward levee slope and berm. No permit for these encroachments.					

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**

Levee Inspection Report By Mile - Spring 2015

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	0.89	Rating **	U	Issue No.	14
LM End	0.89	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.328695 °	37.328695 °	
			-120.396050 °	-120.396050 °	
DWR ID	DWR_NA0013_02_s_2015_14				
Action/Comments					
Building Inspector Comments: Unauthorized structure placed on the landside shoulder and fruit trees planted with Permit. The maintaining agency is aware of this issue.					

Photo 1 of 2 : SP_2015_NA0013_332_14_20150508_00171.jpg



Unauthorized structure placed within the landside shoulder and fruit trees planted.

LM Start	0.89	Rating **	U	Issue No.	14 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2015_NA0013_332_14_20150508_00172.jpg



View from the upstream side.

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

* 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**

Levee Inspection Report By Mile - Spring 2015

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	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

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

* 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	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

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	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

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	1.61	Rating **	M	Issue No.	132
LM End	1.61	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.318133 °	37.318133 °
				-120.395740 °	-120.395740 °
DWR ID	DWR_NA0013_02_s_2015_132				
Action/Comments					
Debris					

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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Levee Inspections**

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Merced Streams Group

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Unit No. 02 Black Rascal Diversion	Left	1.85	05/04/2015 05/04/2015	Herman Phillips

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.	137
LM End	1.64	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.318015 °	37.318015 °	
			-120.395738 °	-120.395738 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42993 DS_ID:23058 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs cleaning of debris on spillway on WS. Flapgate blocked by debris on WS. needs cleaning inside CMP on LS FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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 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**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Merced Streams Group

Waterway		Bank	Unit Miles	
Unit No. 03 Owens Creek Diversion		Right	1.43	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/04/2015 - 05/04/2015			
DWR Inspector	Herman Phillips			
Accompanied By	Mike Walejko MID			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

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	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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**Flood Control Project Maintenance
Levee Inspections**

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	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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**Flood Control Project Maintenance
Levee Inspections**

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	0.20	Rating **	M	Issue No.	972
LM End	0.20	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.260355 °	37.260355 °
				-120.288517 °	-120.288517 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41815 DS_ID:23060 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - more than a half of inet pipe burried on LS. needs vegetation cleaning on both sides inlet needs silt removed and cleaning. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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

* 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**

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	0.40	Rating **	U	Issue No.	973
LM End	0.40	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.263182 °	37.263182 °
				-120.288239 °	-120.288239 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42989 DS_ID:23061 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Appears to be abandoned. Flapgate blocked by debris.debris blocked inlet pipe on LSNeeds to be cleared on both sides or it needs to abandoned properly. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962 FS Date: 09/17/2013					

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

* 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**

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	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.					



Looking upstream landside unsatisfactory tall weeds on slope and berm.

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	0.59	Rating **	M	Issue No.	974
LM End	0.59	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.265894 °	37.265894 °	
			-120.288295 °	-120.288295 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21068 DS_ID:23062 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs clearing and cleaning on inlet and outlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 7.5 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

* 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**

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	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	0.80	Rating **	M	Issue No.	975
LM End	0.80	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.268420 °	37.268420 °
				-120.286231 °	-120.286231 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21069 DS_ID:23063 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on WS. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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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**Flood Control Project Maintenance
Levee Inspections**

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	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.					

Photo 1 of 1 : SP_2015_NA0013_333_31_20150312_00006.jpg



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

* 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**

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	1.03	Rating **	M	Issue No.	976
LM End	1.03	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.271111 °	37.271111 °
				-120.283786 °	-120.283786 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42992 DS_ID:23064 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - vegetations need to be removed from spillway and outlet at flapgate (blocked). It needs clearing more than half of inlet pipe was buried in inlet. It needs cleaning & clearing. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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.					

Photo 1 of 1 : SP_2015_NA0013_333_9_20150312_00002.jpg



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**

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	1.17	Rating **	M	Issue No.	977
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.272193 °	37.272193 °
				-120.281805 °	-120.281805 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21063 DS_ID:23065 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - mud and debris from recent channel cleaning needs to be removed from spillway and outlet inlet pipe needs clearing and cleaning on landside. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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

* 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	

**Flood Control Project Maintenance
Levee Inspections**

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	1.28	Rating **	M	Issue No.	978
LM End	1.28	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.273082 °	37.273082 °
				-120.280288 °	-120.280288 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21064 DS_ID:23066 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs clearing and cleaning of vegetations on both ends of the pipe needs clearing and cleaning of silt deposited inside of the pipe. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 4.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962 FS Date: 09/17/2013					

No Photos

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 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
Unit Cover Sheet
Spring 2015 Levee Inspection Results
Merced Streams Group**

Waterway		Bank	Unit Miles	
Unit No. 04 Owens Creek Diversion		Left	1.42	
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/04/2015 - 05/04/2015			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

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	0.11	Rating **	M	Issue No.	90
LM End	0.11	Issue Type +	En	Location *	CR
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.273295 °	37.273295 °	
			-120.279673 °	-120.279673 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42991 DS_ID:23068 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on both sides. Flapgate blocked by debris on WS. inlet and outlet need silt clearing and cleaning. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

* 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**

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	0.17	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.	91
LM End	0.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.272437 °	37.272437 °
				-120.280260 °	-120.280260 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42990 DS_ID:23069 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on both sides. Flapgate blocked on WS: inlet pipe needs clearing on landside. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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 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**

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**

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	0.32	Rating **	M	Issue No.	92
LM End	0.32	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		37.271495 °	37.271495 °	
			-120.282452 °	-120.282452 °	
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21105 DS_ID:23070 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on waterside inlet on landside needs clearing. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

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.

* 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**

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	0.45	Rating **	U	Issue No.	1 (cont)
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 2 of 2 : SP_2015_NA0013_334_1_20150508_00091.jpg



View of the outlet.

LM Start	0.45	Rating **	M	Issue No.	93
LM End	0.45	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.270318 °	37.270318 °
				-120.284222 °	-120.284222 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21106 DS_ID:23071 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - vegetations clearing on spillway area. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 5.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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.

* 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**

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	0.59	Rating **	M	Issue No.	94
LM End	0.59	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.268705 °	37.268705 °
				-120.285546 °	-120.285546 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21124 DS_ID:23072 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on both levee sides. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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 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**

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.					

Photo 2 of 2 : SP_2015_NA0013_334_27_20150508_00094.jpg



View on the outlet.

LM Start	0.82	Rating **	M	Issue No.	95
LM End	0.82	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.265948 °	37.265948 °
				-120.287790 °	-120.287790 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21126 DS_ID:23073 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs vegetation clearing on waterside.concrete spillway on waterside.the drainage was working during field survey. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962 FS Date: 09/17/2013					

No Photos

* 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**

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	0.87	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.					

Photo 1 of 1 : SP_2015_NA0013_334_29_20150508_00095.jpg



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

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.

* 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**

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	1.09	Rating **	M	Issue No.	96
LM End	1.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.262207 °	37.262207 °
				-120.288149 °	-120.288149 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:21210 DS_ID:23075 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - needs clearing on both inlet and outlet. needs vegetations clearing on spillway on waterside and inlet on landside. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

No Photos

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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**Flood Control Project Maintenance
Levee Inspections**

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	1.22	Rating **	U	Issue No.	97
LM End	1.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.260250 °	37.260250 °
				-120.288141 °	-120.288141 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:42859 DS_ID:23076 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: - significant levee crown and slope cracks along the pipe. Detailed investigation required inlet pipe burried on landside. Needs removal of silts. Needs clearing and cleaning half of outlet pipe burried. Needs clearing and removal of vegetations and silts. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.0 feet below the crown, concrete headwall, flap gate, and concrete grouted cobble spillway on the waterward toe, concrete headwall on the landward toe (O&M Unit No. 607, 1962) FS Date: 09/17/2013					

* 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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