

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

Merced Streams Group

Black Rascal Creek Drop Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2014 Structure Summary Report
Overall Unit and Item Ratings

Merced Streams Group (cont.)

Owens Creek Siphon Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	M
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance

Unit Cover Sheet

2014 Structure Inspection Results

Merced Streams Group

Structure
Black Rascal Creek Drop Structure

Structure Rating	A
Date of Inspection	07/29/2014
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.314750 °	37.314750 °
				-120.396397 °	-120.396294 °
DWR ID	DWR_NA0013_28_t_2012_1				
Action/Comments					

Photo 1 of 1 : ST_2014_NA0013_28_1_20140818_00005.jpg



Black Rascal Creek Drop Structure viewed from the right bank of Unit 1.

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.314750 °	37.314750 °
				-120.396294 °	-120.396294 °
DWR ID	DWR_NA0013_28_t_2012_2				
Action/Comments					
Inspector Comments: The vegetation growing around the structure need to be removed both Unit 1 and Unit 2.					

Photo 1 of 2 : ST_2014_NA0013_28_2_20140818_00006.jpg



Right bank downstream of Black Rascal Drop Structure wild growth of arundo present on slope.

LM Start	0.00	Rating **	M	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2014_NA0013_28_2_20140818_00009.jpg



Wild trees growing on the upstream side of concrete abutment on Unit 2 Left bank view from Unit 1 Right bank of Black Rascal Drop Structure.

* 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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.314620 °	37.314620 °	
			-120.396294 °	-120.396270 °	
DWR ID	DWR_NA0013_28_t_2012_4				
Action/Comments					
Inspector Comments: There is erosion on unit 1 at the downstream end of structure along the slope caused by pedestrians. There is also erosion on the bank of unit 2 downstream of structure. Repairs are needed.					

Photo 1 of 2 : ST_2014_NA0013_28_4_20140707_00003.jpg



Foot erosion remains from last inspection. Photo taken 7-16-2013.

* 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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.314620 °	37.314620 °
				-120.396294 °	-120.396270 °
DWR ID	DWR_NA0013_28_t_2012_4				
Action/Comments					
Inspector Comments: There is erosion on unit 1 at the downstream end of structure along the slope caused by pedestrians. There is also erosion on the bank of unit 2 downstream of structure. Repairs are needed.					

Photo 2 of 2 : ST_2014_NA0013_28_4_20140818_00007.jpg



Foot traffic erosion reported in last two inspections has not been repaired.

LM Start	0.00	Rating **	N	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.314750 °	37.314750 °
				-120.396294 °	-120.396294 °
DWR ID	DWR_NA0013_28_t_2012_5				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.314750 °	37.314750 °
				-120.396294 °	-120.396294 °
DWR ID	DWR_NA0013_28_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.					

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 - Structure 2014

Merced Streams Group

Structure		Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure			07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Culverts: Inlets / Outlets	37.314750 °	37.314750 °		
		-120.396294 °	-120.396294 °		
DWR ID	DWR_NA0013_28_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Culverts: Breaks / Holes / Cracks	37.314750 °	37.314750 °		
		-120.396294 °	-120.396294 °		
DWR ID	DWR_NA0013_28_t_2012_8				
Action/Comments					
Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Metal Pipes	37.314750 °	37.314750 °		
		-120.396294 °	-120.396294 °		
DWR ID	DWR_NA0013_28_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location
LS : Land Side
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection. This structure has no trash rack.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

* Location
LS : Land Side
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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surfaces at this structure show no defects.					

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**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is good condition and provides protection against falling or unauthorized access.					

Photo 1 of 1 : ST_2014_NA0013_28_18_20140818_00008.jpg



Security fence is in good condition.

* 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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2012_23				
Action/Comments					
Inspector Comments: There are no safety hazards that would endanger personnel.					

Photo 1 of 1 : ST_2014_NA0013_28_23_20140818_00010.jpg



Looking across channel to the Left bank at the safety fence around the structure there is no damage.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		37.314750 °	37.314750 °	
			-120.396294 °	-120.396294 °	
DWR ID	DWR_NA0013_28_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

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
Unit Cover Sheet
2014 Structure Inspection Results

Merced Streams Group

Structure
Owens Creek Siphon Structure

Structure Rating	A
Date of Inspection	07/29/2014
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_1				
Action/Comments					
Inspector Comments: This structure has an inlet on the side of the railroad tracks opposite Hwy 140 and an outlet on the downstream side of the highway Hwy 140. The coordinates for this issue are for the inlet of Owen Creek Siphon Structure.					

Photo 1 of 1 : ST_2014_NA0013_51_1_20140818_00004.jpg



Owens Creek Siphon Outlet.

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_2				
Action/Comments					
Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW. The coordinates for this issue are for the outlet side of the structure.					

Photo 1 of 1 : ST_2014_NA0013_51_2_20140818_00005.jpg



The vegetation has been from around the inlet upstream side of Owens Creek.

* 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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling of sedimentation present at this time Merced County has done maintenance at the site.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_5				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_7				
Action/Comments					
Inspector Comments: The County had cleaned the vegetation from the channel inlet upstream of structure, but new growth of willow trees has grown back on right bank of structure.					

Photo 1 of 1 : ST_2014_NA0013_51_7_20140818_00006.jpg



The inlet is visibly blocked on the right bank side where vegetation has grown back.

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_8				
Action/Comments					
Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage. Corrugated metal pipes, if present are in good condition or have been relined with appropriate material, which is still in good condition.					

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**

Levee Inspection Report By Mile - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_9				
Action/Comments					
Inspector Comments: No metal pipes at this site.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection. No trash racks at this Structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection. There are no flap gates at this structure.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_12				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface is in good shape.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_18				
Action/Comments					
Inspector Comments: This item does not apply to this inspection. There is no need for security fencing at this site.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2012_23				
Action/Comments					
Inspector Comments: No hazardous conditions that might affect the operation of the structure exist.					

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 - Structure 2014

Merced Streams Group

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		37.262880 °	37.262880 °	
			-120.287860 °	-120.287860 °	
DWR ID	DWR_NA0013_51_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

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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