

**Flood Control Project Maintenance**  
**2015 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**  
**2015 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	A
	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**

**2015 Structure Inspection Results**

**Merced Streams Group**

Structure
Black Rascal Creek Drop Structure

Structure Rating	A
Date of Inspection	07/28/2015
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1</b>
LM End	<b>0.00</b>	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\_2015\_NA0013\_28\_1\_20150813\_00008.jpg



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

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.00</b>	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 needs to be removed.					

Photo 1 of 1 : ST\_2015\_NA0013\_28\_2\_20150813\_00009.jpg



Right bank downstream of Black Rascal Drop Structure arundo covering the bank.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.00</b>	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\_2015\_NA0013\_28\_4\_20150720\_00005.jpg



Foot erosion remains from last inspection.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>4 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2015\_NA0013\_28\_4\_20150813\_00010.jpg



Foot erosion remains at the downstream side of the concrete wall right bank.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>5</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>7</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>9</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>10</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>13</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure		Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure			07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	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\_2015\_NA0013\_28\_18\_20150813\_00011.jpg



View of security fences both banks unit 1 and across channel to unit 2.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>19</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	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

<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>21</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>0.00</b>	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.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Black Rascal Creek Drop Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>24</b>
LM End	<b>0.00</b>	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

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

**Unit Cover Sheet**

**2015 Structure Inspection Results**

**Merced Streams Group**

Structure
Owens Creek Siphon Structure

Structure Rating	A
Date of Inspection	07/28/2015
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2015**

**Merced Streams Group**

Structure		Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure			07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		37.262893 °	37.262893 °	
			-120.288048 °	-120.288048 °	
DWR ID	DWR_NA0013_51_t_2012_1				
Action/Comments					
Inspector Comments: This structure has an inlet on the east side of Santa Fe Avenue and an outlet on the downstream side of Santa Fe Avenue.					

Photo 1 of 1 : ST\_2015\_NA0013\_51\_1\_20150813\_00004.jpg



Owens Creek Siphon Outlet.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	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: The District removed the vegetation from the inlet.					

Photo 1 of 1 : ST\_2015\_NA0013\_51\_2\_20150813\_00005.jpg



Vegetation present at the inlet but does not block the flow.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>5</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure		Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure			07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>7</b>
LM End	<b>0.00</b>	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 Maintaining Agency had removed the growth from the upstream side of structure, the willows are regrowing on the right bank and does not block the flow.					

Photo 1 of 1 : ST\_2015\_NA0013\_51\_7\_20150813\_00006.jpg



The inlet has growth on the left bank, flow is not impeded.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>9</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>10</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>13</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure		Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure			07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>18</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>19</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>21</b>
LM End	<b>0.00</b>	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

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> 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 2015**

**Merced Streams Group**

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Siphon Structure		07/28/2015 07/28/2015	Herman Phillips

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	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	<b>0.00</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>0.00</b>	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

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>24</b>
LM End	<b>0.00</b>	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

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