

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard**

**Butte Slough Drainage Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	A
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	N
	Concrete Tilting / Settlement	N
	Concrete Foundations	N
	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**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Butte Slough Outfall Structure**

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

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Colusa Weir**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	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	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Goose Lake Overflow Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	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	U

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Highland Canal Diversion Weir And Drainage 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	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	A
	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	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Little Chico Creek Control And Weir Structures**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	A
	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	A
	Safety	M
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**M&T Ranch Overflow Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	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**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Middle Creek Pumping Plant**

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	M
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	N
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	N
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Moulton Weir**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	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	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Nelson Bend**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	N
	Concrete Tilting / Settlement	N
	Concrete Foundations	N
	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**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Sutter Bypass Pumping Plant No. 1**

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**Sutter Bypass Pumping Plant No. 2**

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	M
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Sutter Bypass Pumping Plant No. 3**

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Sutter Bypass Weir No. 2**

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

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Tisdale Weir**

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

**Flood Control Project Maintenance**  
**2016 Structure Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard (cont.)**

**Wadsworth Canal Weir No. 4**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	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	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Butte Slough Drainage Structure

Structure Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure			06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_1				
Action/Comments					
Inspector Comments: Butte Slough Drainage structure shown on the landward and waterward side.					

Photo 1 of 6 : ST\_2016\_NA0060\_38\_1\_20160617\_00006.jpg



Butte Slough Drainage structure on the water side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 6 : ST\_2016\_NA0060\_38\_1\_20160617\_00007.jpg



Butte Slough Drainage structure outfall.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 6 : ST\_2016\_NA0060\_38\_1\_20160617\_00008.jpg



Butte Slough Drainage structure on the land side.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.197288 °	39.197288 °
				-121.943847 °	-121.943847 °
DWR ID	DWR_NA0060_38_t_2012_1				
Action/Comments					
Inspector Comments: Butte Slough Drainage structure shown on the landward and waterward side.					

Photo 4 of 6 : ST\_2016\_NA0060\_38\_1\_20160617\_00009.jpg



Top view of the Butte Slough Drainage structure on the land side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 6 : ST\_2016\_NA0060\_38\_1\_20160615\_00004.jpg



View of the pipe from the landside.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 6 of 6 : ST\_2016\_NA0060\_38\_1\_20160615\_00005.jpg



Zoomed-in view of the pipe from the landside.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_2				
Action/Comments					
Inspector Comments: There is minimal vegetation and debris on the land side, but it does not impede the flow into the structure. The outfall is clear of vegetation.					

No Photos

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation is present.					

No Photos

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_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

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_5				
Action/Comments					
Inspector Comments: Cobble is grouted in place around the outfall. It appears to be in good condition.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments or obstructions present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_7				
Action/Comments					
Inspector Comments: No debris observed around the pipe.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_8				
Action/Comments					
Inspector Comments: The visible portion of the culvert shows no signs of breaks, holes or cracking and appears to be in proper working condition.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_9				
Action/Comments					
Inspector Comments: The visible portion of the culvert shows no signs of breaks, holes or cracking and appears to be in proper working condition.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_10				
Action/Comments					
Inspector Comments: There are no trash racks on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_11				
Action/Comments					
Inspector Comments: The flap gate appears to be in proper working condition.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_12				
Action/Comments					
Inspector Comments: No sluice or slide gates are present.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_13				
Action/Comments					
Inspector Comments: No electric gate operators 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_14				
Action/Comments					
Inspector Comments: No manual gate operators on this structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_15				
Action/Comments					
Inspector Comments: No concrete surfaces to inspect. Grouted cobble has been addressed as a revetment.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_16				
Action/Comments					
Inspector Comments: This does not apply to this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_17				
Action/Comments					
Inspector Comments: No concrete foundation or structure present.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_18				
Action/Comments					
Inspector Comments: No security fencing present.					

No Photos

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_19				
Action/Comments					
Inspector Comments: This structure does not appear to have a closure 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_20				
Action/Comments					
Inspector Comments: There is no trash rake on this facility.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2013_21				
Action/Comments					
Inspector Comments: No other metallic items other than the culvert.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_22				
Action/Comments					
Inspector Comments: No joints to inspect.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure			06/16/2016 06/16/2016	Maksim Khashchuk

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2012_23				
Action/Comments					
Inspector Comments: There are no safety issues, the facility is located well off of any path of travel. Safety hardware is unnecessary, there are no hazardous conditions that would affect the operation of the facility.					

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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_t_2013_24				
Action/Comments					
Inspector Comments: O&M is available at 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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Butte Slough Outfall Structure

Structure Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure			06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_1				
Action/Comments					
Inspector Comments: Photos showing water side and land side views of the Butte Slough outfall structure.					

Photo 1 of 6 : ST\_2016\_NA0060\_42\_1\_20160617\_00006.jpg



View of the Butte Slough Outfall Structure on the land side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 6 : ST\_2016\_NA0060\_42\_1\_20160617\_00005.jpg



Another view of the Butte Slough Outfall Structure on the land side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 6 : ST\_2016\_NA0060\_42\_1\_20160617\_00007.jpg



View of the mechanical gate operation mechanism.

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.194972 °	39.194972 °
				-121.936088 °	-121.936088 °
DWR ID	DWR_NA0060_42_t_2012_1				
Action/Comments					
Inspector Comments: Photos showing water side and land side views of the Butte Slough outfall structure.					

Photo 4 of 6 : ST\_2016\_NA0060\_42\_1\_20160617\_00008.jpg



View of the Butte Slough Outfall Structure facing Sacramento River.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 6 : ST\_2016\_NA0060\_42\_1\_20160615\_00003.jpg



View of the stop log slots on the water side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 6 of 6 : ST\_2016\_NA0060\_42\_1\_20160617\_00009.jpg



View of the Butte Slough Outfall Structure on the water side.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation obstructing structure or impeding flow.					

No Photos

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation visible.					

No Photos

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_4				
Action/Comments					
Inspector Comments: No erosion or bank caving was observed on either the land or water side.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_5				
Action/Comments					
Inspector Comments: Existing cobble on landside appears to be in good condition and is clearly visible.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments or obstructions are visible.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_7				
Action/Comments					
Inspector Comments: There does not appear to be sediment, debris or vegetation blocking the inlets or outlets.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_8				
Action/Comments					
Inspector Comments: Culverts were submerged at the time of this inspection.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_9				
Action/Comments					
Inspector Comments: Pipes were fully submerged at the time of the 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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_10				
Action/Comments					
Inspector Comments: No trash racks on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_11				
Action/Comments					
Inspector Comments: Flap gates were fully submerged at the time of this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_12				
Action/Comments					
Inspector Comments: Gates appear to be operating normally.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_13				
Action/Comments					
Inspector Comments: No electric gate operators at this facility.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_14				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good working condition, they are lubricated and appear to move freely.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_15				
Action/Comments					
Inspector Comments: Concrete appears to be in very good shape, no visible spalling, cracking or scaling.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_16				
Action/Comments					
Inspector Comments: No evidence of tilting sliding or settlement.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_17				
Action/Comments					
Inspector Comments: No evidence of erosion, scouring 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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_18				
Action/Comments					
Inspector Comments: There is a security gate on the road, but no security fencing to inspect.					

No Photos

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_19				
Action/Comments					
Inspector Comments: There is no separate closure structure aside from the manually operated sluice gates on the waterside of 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_20				
Action/Comments					
Inspector Comments: No trash rake at this structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_21				
Action/Comments					
Inspector Comments: Corrosion on metal support structure at waterline may need repair as it appears to be significant in some portions of the angle iron members. Metal railings and catwalks are showing signs of rust. Metal items should be painted or coated to prevent corrosion.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_22				
Action/Comments					
Inspector Comments: Joints appear to be in good condition.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_23				
Action/Comments					
Inspector Comments: Railing is in place at manual sluice gate controls.					

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		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2013_24				
Action/Comments					
Inspector Comments: O&M is available at 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**

**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Colusa Weir

Structure Rating	A
Date of Inspection	7/13/2016
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST\_2016\_NA0060\_55\_1\_20160718\_00010.jpg



View of the weir from the right bank.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2016\_NA0060\_55\_1\_20160718\_00012.jpg



View of the weir looking north.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2016\_NA0060\_55\_1\_20160718\_00011.jpg



This is the upstream view of the Colusa Weir structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_1				
Action/Comments					

Photo 4 of 4 : ST\_2016\_NA0060\_55\_1\_20160718\_00013.jpg



This is the downstream view of the Colusa Weir structure.

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			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

Photo 1 of 1 : ST\_2016\_NA0060\_55\_2\_20160701\_00007.jpg



View of the vegetation found in the weir from the right bank of the channel.

LM Start	<b>0.00</b>	Rating **	M	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			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_3				
Action/Comments					
Inspector Comments: Minimal sedimentation present.					

Photo 1 of 2 : ST\_2016\_NA0060\_55\_3\_20160718\_00014.jpg



View of minimal sedimentation present.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_3				
Action/Comments					
Inspector Comments: Minimal sedimentation present.					

Photo 2 of 2 : ST\_2016\_NA0060\_55\_3\_20160718\_00015.jpg



Minimal sedimentation present.

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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 **	A	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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 1 of 4 : ST\_2016\_NA0060\_55\_5\_20160718\_00016.jpg



View of the weir and the riprap.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 2 of 4 : ST\_2016\_NA0060\_55\_5\_20160718\_00017.jpg



View of the weir and the riprap.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2016\_NA0060\_55\_5\_20160718\_00018.jpg



View of riprap at the columns of the bridge.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST\_2016\_NA0060\_55\_5\_20160718\_00019.jpg



View of riprap at the columns of the bridge.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_6				
Action/Comments					
Inspector Comments: The trash and debris has been removed.					

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_7				
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>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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_8				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_10				
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>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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking.					

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_16				
Action/Comments					
Inspector Comments: No significant areas of tilting, sliding or settlement that would endanger the integrity of the structure.					

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access.					

No Photos

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_20				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

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	Other Metallic Items		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2013_24				
Action/Comments					
Inspector Comments: All handrails and guard rails are free of corrosion that would affect safety.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_22				
Action/Comments					
Inspector Comments: The monolith joint material is in good condition.					

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		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		07/13/2016 07/13/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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	Operation & Maintenance Manual		39.232135 °	39.232135 °	
			-121.996253 °	-121.996253 °	
DWR ID	DWR_NA0060_55_t_2014_21				
<b>Action/Comments</b>					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Goose Lake Overflow Structure

Structure Rating	<b>M</b>
Date of Inspection	6/27/2016
DWR Inspector	Pavel Kazi
Accompanied By	Shawn Freitag Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_1				
Action/Comments					
Inspector Comments: Google Earth Satellite view of the structure.					

Photo 1 of 1 : ST\_2016\_NA0060\_225\_1\_20160613\_00001.jpg



The structure location is highlighted and is shown in relation to the Sacramento River.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		39.569247 °	39.569247 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_2				
Action/Comments					
Inspector Comments: Spray the vegetation for approximately 100 feet on both sides of the weir.					

Photo 1 of 2 : ST\_2016\_NA0060\_225\_2\_20160701\_00004.jpg



View of the vegetation on downstream of the weir.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : ST\_2016\_NA0060\_225\_2\_20160701\_00005.jpg



View of the vegetation on upstream of the weir.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_4				
Action/Comments					
Inspector Comments: No active erosion.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST\_2016\_NA0060\_225\_5\_20160701\_00006.jpg



View of the existing revetments on the downstream of the weir.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_6				
Action/Comments					
Inspector Comments: There is no debris at this location.					

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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_7				
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>8</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_8				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>9</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_10				
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>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_15				
Action/Comments					
Inspector Comments: Farm equipment needs to stay off of the weir to prevent further damage to the concrete surface.					

Photo 1 of 1 : ST\_2016\_NA0060\_225\_15\_20160701\_00007.jpg



View of the concrete crown roadway on the top of the weir.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_16				
Action/Comments					
Inspector Comments: No tilting was identified.					

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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_17				
Action/Comments					
Inspector Comments: There is no 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_18				
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>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_20				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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 *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_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>24</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_24				
Action/Comments					
Inspector Comments: The yard maintains good safety procedures and no hazards were observed.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	LS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		39.569248 °	39.569248 °	
			-121.982569 °	-121.982569 °	
DWR ID	DWR_NA0060_225_t_2013_23				
<b>Action/Comments</b>					
Inspector Comments: The weir has not been maintained in several years. Documentation regarding this structure is still being researched.					

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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Highland Canal Diversion Weir And Drainage Structure

Structure Rating	A
Date of Inspection	8/9/2016
DWR Inspector	Pavel Kazi
Accompanied By	Larry McNeil Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure			08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_1				
Action/Comments					
Inspector Comments: Highland Canal Diversion Weir works as a control point that diverts water through a culvert during high water season.					

Photo 1 of 1 : ST\_2016\_NA0060\_7\_1\_20160810\_00009.jpg



View of the weir.

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_2				
Action/Comments					
Inspector Comments: There was minimal vegetation growth, but it will not impede the flow of water through the culvert.					

Photo 1 of 2 : ST\_2016\_NA0060\_7\_2\_20160810\_00016.jpg



View of the inlet of the structure.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_7\_2\_20160810\_00011.jpg



View of vegetation on the outlet of the structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation was present.					

No Photos

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or active bank caving was observed around the structure.					

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_5				
Action/Comments					
Inspector Comments: No riprap was present at this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_6				
Action/Comments					
Inspector Comments: No debris was around the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_7				
Action/Comments					
Inspector Comments: Minimal vegetation was found near the culverts, but it may not impede the flow of the water through structure.					

Photo 1 of 2 : ST\_2016\_NA0060\_7\_7\_20160810\_00012.jpg



View of inlet of the culvert.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_7\_7\_20160810\_00013.jpg



View of outlet of the structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_8				
Action/Comments					
Inspector Comments: There were no visible breaks, holes, or cracks detected in the culvert.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_9				
Action/Comments					
Inspector Comments: The outlet pipes appeared to be in good condition.					

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_10				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_11				
Action/Comments					
Inspector Comments: The flap gates appeared to be in working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_7\_11\_20160810\_00014.jpg



View of the flap gates.

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_13				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_14				
Action/Comments					
Inspector Comments: There are no slide gates on this location.					

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_15				
Action/Comments					
Inspector Comments: There was minimal cracking and scaling on the concrete structure, but it didn't appear to threaten the structural integrity.					

Photo 1 of 1 : ST\_2016\_NA0060\_7\_15\_20160810\_00015.jpg



View of the concrete structure.

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_16				
Action/Comments					
Inspector Comments: There was no settlement or tilting observed that threatened 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_17				
Action/Comments					
Inspector Comments: No scouring or erosion was found 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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_18				
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>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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_19				
Action/Comments					
Inspector Comments: This rating doesn't apply to this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_21				
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>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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0060_7_t_2014_22				
Action/Comments					
Inspector Comments: The monolith joints material were in good condition.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure			08/09/2016 08/09/2016	Pavel Kazi

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_23				
Action/Comments					
Inspector Comments: There were no safety hazards around the structure.					

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		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0060_7_t_2013_24				
Action/Comments					
Inspector Comments: The district has the O&M manual in their 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**

**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Little Chico Creek Control And Weir Structures

Structure Rating	A
Date of Inspection	7/14/2016
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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			39.733767 °	39.733767 °
				-121.771915 °	-121.771915 °
DWR ID	DWR_NA0060_9_t_2012_1				
Action/Comments					

Photo 1 of 5 : ST\_2016\_NA0060\_9\_1\_20160718\_00009.jpg



View of the control structure looking south.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2016\_NA0060\_9\_1\_20160718\_00014.jpg



This is a photo of the downstream side of the control structure.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2016\_NA0060\_9\_1\_20160718\_00015.jpg



This is a photo of the downstream side of the control structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.733767 °	39.733767 °
				-121.771915 °	-121.771915 °
DWR ID	DWR_NA0060_9_t_2012_1				
Action/Comments					

Photo 4 of 5 : ST\_2016\_NA0060\_9\_1\_20160718\_00016.jpg



View of weir looking downstream.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST\_2016\_NA0060\_9\_1\_20160718\_00010.jpg



View of the weir looking south.

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			39.733767 °	39.733767 °
				-121.771915 °	-121.771915 °
DWR ID	DWR_NA0060_9_t_2012_2				
Action/Comments					
Inspector Comments: There is some vegetation, a few small trees, and some wood debris trapped in the weir. The flow may be impeded.					

Photo 1 of 3 : ST\_2016\_NA0060\_9\_2\_20160701\_00006.jpg



This is a view looking downstream.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_2				
Action/Comments					
Inspector Comments: There is some vegetation, a few small trees, and some wood debris trapped in the weir. The flow may be impeded.					

Photo 2 of 3 : ST\_2016\_NA0060\_9\_2\_20160701\_00007.jpg



This is a view looking upstream.

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

Photo 3 of 3 : ST\_2016\_NA0060\_9\_2\_20160718\_00013.jpg



View of wood debris trapped in weir.

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_3				
Action/Comments					
Inspector Comments: There appears to be little/no shoaling or sedimentation, the flow does not appear to be impeded.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_4				
Action/Comments					
Inspector Comments: No erosion observed during inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_5				
Action/Comments					
Inspector Comments: Riprap appeared to be in place and sufficient.					

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments observed.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_7				
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>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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_8				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start		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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_9				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_10				
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>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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_11				
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>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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_13				
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>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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_14				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good condition.					

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface appears to be in good condition.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_16				
Action/Comments					
Inspector Comments: No significant areas of tilting, sliding of settlement.					

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_17				
Action/Comments					
Inspector Comments: The concrete foundation appears to be in good condition.					

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_18				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_22				
Action/Comments					
Inspector Comments: Monolith joints appear to be in good condition.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2012_23				
Action/Comments					
Inspector Comments: Hand rails are installed. Several rails have loose bolts.					

Photo 1 of 2 : ST\_2016\_NA0060\_9\_23\_20160701\_00008.jpg



View of handrails with loose bolts.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_9\_23\_20160718\_00012.jpg



Typical safety rail around entire structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/14/2016 07/14/2016	Sterling York

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		39.733767 °	39.733767 °	
			-121.771915 °	-121.771915 °	
DWR ID	DWR_NA0060_9_t_2013_24				
<b>Action/Comments</b>					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
M&T Ranch Overflow Structure

Structure Rating	A
Date of Inspection	6/27/2016
DWR Inspector	Pavel Kazi
Accompanied By	Shawn Freitag Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_1				
Action/Comments					

Photo 1 of 1 : ST\_2016\_NA0060\_228\_1\_20160613\_00001.jpg



The structure location is highlighted and is shown in relation to the Sacramento River.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		39.674690 °	39.674690 °	
			-121.947013 °	-121.947013 °	
DWR ID	DWR_NA0014_228_t_2013_2				
Action/Comments					
Inspector Comments: The vegetation should be sprayed back approximately 20 feet from both sides of the weir.					

Photo 1 of 1 : ST\_2016\_NA0060\_228\_2\_20160628\_00006.jpg



View of the vegetation on upstream side of the weir.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_3				
Action/Comments					
Inspector Comments: There is 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.668789 °	39.668789 °	
			-121.957170 °	-121.957170 °	
DWR ID	DWR_NA0014_228_t_2013_4				
Action/Comments					
Inspector Comments: The soil erosion on the upstream side of the weir needs repair.					

Photo 1 of 2 : ST\_2016\_NA0060\_228\_4\_20160628\_00005.jpg



View of the erosion on the upstream side of the weir during 2016 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 *	WS

Photo 2 of 2 : ST\_2016\_NA0060\_228\_4\_20160613\_00003.jpg



View of the erosion of the material that was placed on the upstream side of the weir.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained.					

Photo 1 of 1 : ST\_2016\_NA0060\_228\_5\_20160628\_00004.jpg



View of the revetments on the downstream of the weir.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_6				
Action/Comments					
Inspector Comments: There is no debris along the riprap.					

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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_7				
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>8</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_8				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>9</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_10				
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>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_15				
Action/Comments					
Inspector Comments: There is no spalling or cracking at the site.					

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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting at this site.					

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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_17				
Action/Comments					
Inspector Comments: There is no erosion or undermining of 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_18				
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>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_20				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		39.674690 °	39.674690 °	
			-121.947010 °	-121.947010 °	
DWR ID	DWR_NA0014_228_t_2013_23				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard has a safety program in place.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/27/2016 06/27/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>24</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	WS
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			39.674690 °	39.674690 °
				-121.947010 °	-121.947010 °
DWR ID	DWR_NA0014_228_t_2013_24				
Action/Comments					
Inspector Comments: No O&M Manual exists for this structure. Other documentation is being researched.					

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**

**2016 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Middle Creek Pumping Plant

Pumping Plant Rating	A
Date of Inspection	8/9/2016
DWR Inspector	Pavel Kazi
Accompanied By	Larry McNeil Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

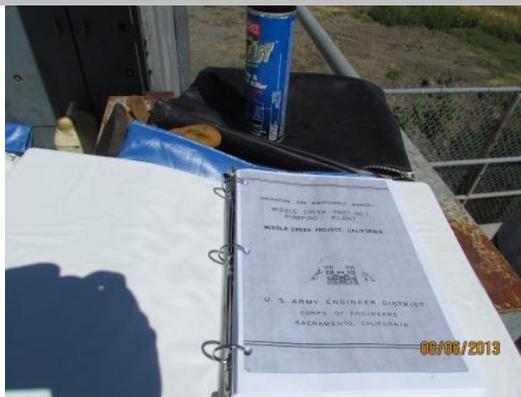
Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operating Log		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_1				
Action/Comments					
Inspector Comments: The operation log was up to date and present at the pump station.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_2				
Action/Comments					
Inspector Comments: The O&M manual was present at the pumping plant.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_2\_20160613\_00001.jpg



View of the O&M manual.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Plant Building		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_3				
Action/Comments					
Inspector Comments: The plant building was in good structural condition with no major cracks that could threaten the integrity of the building. However, the adjacent structure had some differential settlement.					

Photo 1 of 2 : ST\_2016\_NA0060\_17\_3\_20160811\_00017.jpg



View of the pumping plant.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Plant Building			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_3				
Action/Comments					
Inspector Comments: The plant building was in good structural condition with no major cracks that could threaten the integrity of the building. However, the adjacent structure had some differential settlement.					

Photo 2 of 2 : ST\_2016\_NA0060\_17\_3\_20160811\_00018.jpg



View of the settlement next to the pumping plant.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Communications			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_4				
Action/Comments					
Inspector Comments: A cellular phone is available for the pump station operator.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Safety			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_5				
Action/Comments					
Inspector Comments: No safety hazard was present around the plant. All of the guard rails and fences were secured and in good condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_5\_20160811\_00019.jpg



View of the security fence and guard rails around the pumping plant.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Cranes		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2013_6				
Action/Comments					
Inspector Comments: A crane doesn't exist at this location.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pumps		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_7				
Action/Comments					
Inspector Comments: The pumps appeared to be in good working condition and properly maintained including proper lubrication level.					

Photo 1 of 3 : ST\_2016\_NA0060\_17\_7\_20160811\_00020.jpg



View of the pumps in the plant.

Photo 2 of 3 : ST\_2016\_NA0060\_17\_7\_20160811\_00022.jpg



View of two of the pumps.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pumps			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_7				
Action/Comments					
Inspector Comments: The pumps appeared to be in good working condition and properly maintained including proper lubrication level.					

Photo 3 of 3 : ST\_2016\_NA0060\_17\_7\_20160811\_00021.jpg



View of bottom of the pump.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>8</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_8				
Action/Comments					
Inspector Comments: The power source appeared to be reliable and safe.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_8\_20160811\_00023.jpg



View of the power source of the plant.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>10</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_10				
Action/Comments					
Inspector Comments: There were no motors or fans present at this plant other than the pumps.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant			08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pump Control Systems		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_11				
Action/Comments					
Inspector Comments: The pump control systems appeared to be operational and free of damage.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_11\_20160811\_00024.jpg



View of the pump control systems.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sumps/Wet Well		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2013_12				
Action/Comments					
Inspector Comments: Wet wells were clear of debris.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_12\_20160811\_00025.jpg



View of the wet well.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_13				
Action/Comments					
Inspector Comments: Trash racks appeared to be in good condition and free of debris.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_13\_20160811\_00026.jpg



View of the trash racks.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2013_14				
Action/Comments					
Inspector Comments: A trash rake doesn't exist at this location.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sluice / Slide Gates		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2013_15				
Action/Comments					
Inspector Comments: The slide gates appeared to be in a good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_15\_20160811\_00027.jpg



View of the slide gates.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_16				
Action/Comments					
Inspector Comments: No electric gate operator was present in this plant.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant			08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_17				
Action/Comments					
Inspector Comments: The manual gate operators appeared to be in good working condition.					

Photo 1 of 2 : ST\_2016\_NA0060\_17\_17\_20160811\_00028.jpg



View of one of the manual operators at the plant.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_17\_17\_20160613\_00014.jpg



View of another manual gate operator at the plant.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_18				
Action/Comments					
Inspector Comments: All other metallic parts appeared to be in good condition.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2013_19				
Action/Comments					
Inspector Comments: Flap gates don't exist at this location. Instead a backflow prevention device is used to perform similar task as the flap gates.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure exists in this plant.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.142300 °	39.142300 °	
			-122.902350 °	-122.902350 °	
DWR ID	DWR_NA0060_17_t_2012_21				
Action/Comments					
Inspector Comments: Security fencing appeared to be in good condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_21\_20160811\_00029.jpg



View of the security fencing around the plant.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/09/2016 08/09/2016	Pavel Kazi

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Intake and Discharge Pipes			39.142300 °	39.142300 °
				-122.902350 °	-122.902350 °
DWR ID	DWR_NA0060_17_t_2012_22				
Action/Comments					
Inspector Comments: The pipes appeared to be in good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_17\_22\_20160811\_00030.jpg



View of the intake pipes.

<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**

**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Moulton Weir

Structure Rating	A
Date of Inspection	7/12/2016
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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			39.338242°	39.338242°
				-122.022073°	-122.022073°
DWR ID	DWR_NA0060_4_t_2012_1				
Action/Comments					

Photo 1 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00006.jpg



View of the weir on the right bank from the upstream side of the structure.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00007.jpg



View of the weir facing the left bank from the right side of the structure abutment.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00008.jpg



View of the weir facing the left bank from the right side of the structure abutment.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.338242 °	39.338242 °
				-122.022073 °	-122.022073 °
DWR ID	DWR_NA0060_4_t_2012_1				
Action/Comments					

Photo 4 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00009.jpg



View of the left side abutment.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00010.jpg



Downstream view from the weir.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 6 of 6 : ST\_2016\_NA0060\_4\_1\_20160718\_00011.jpg



View of the weir facing the right bank from the left side of the structure.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

Photo 1 of 1 : ST\_2016\_NA0060\_4\_2\_20160718\_00012.jpg



View of a small amount of soil and rock in the weir near the right abutment.

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 1 of 1 : ST\_2016\_NA0060\_4\_5\_20160718\_00013.jpg



View of revetment at outfall of weir.

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_7				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_8				
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>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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_10				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_11				
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>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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_13				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking.					

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_19				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_21				
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>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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_22				
Action/Comments					
Inspector Comments: The monolith joint material is in good condition.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Moulton Weir			07/12/2016 07/12/2016	Sterling York

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.					

Photo 1 of 2 : ST\_2016\_NA0060\_4\_23\_20160701\_00005.jpg



View of the safety railing installed on the weir.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_4\_23\_20160718\_00015.jpg



View of the safety railing installed with added guard rail on the weir,

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2013_24				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Nelson Bend

Structure Rating	A
Date of Inspection	7/14/2016
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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			38.895500 °	38.887450 °
				-121.616950 °	-121.615330 °
DWR ID	DWR_NA0060_54_t_2012_1				
Action/Comments					
Inspector Comments: North end 38.89550 -121.61695, South end 38.88745 -121.61533					

Photo 1 of 4 : ST\_2016\_NA0060\_54\_1\_20160720\_00006.jpg



View of the weir looking from the north end.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2016\_NA0060\_54\_1\_20160720\_00007.jpg



View of the weir looking north.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2016\_NA0060\_54\_1\_20160720\_00009.jpg



View of the weir looking from the south end.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			38.895500 °	38.887450 °
				-121.616950 °	-121.615330 °
DWR ID	DWR_NA0060_54_t_2012_1				
Action/Comments					
Inspector Comments: North end 38.89550 -121.61695, South end 38.88745 -121.61533					

Photo 4 of 4 : ST\_2016\_NA0060\_54\_1\_20160720\_00008.jpg



This photo was taken looking downstream from the weir.

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			38.895500 °	38.887450 °
				-121.616950 °	-121.615330 °
DWR ID	DWR_NA0060_54_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The vegetation should be cleared and trees trimmed up. May impede flow in a high water event.					

Photo 1 of 2 : ST\_2016\_NA0060\_54\_2\_20160720\_00011.jpg



View of the vegetation that is overgrowing the weir.

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

Photo 2 of 2 : ST\_2016\_NA0060\_54\_2\_20160720\_00010.jpg



View of the obstructions facing the left bank.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the waterside of the levee / channel.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_6				
Action/Comments					
Inspector Comments: Minor trash, debris, excavation, structures, or other obstructions present within the easement.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_7				
Action/Comments					
Inspector Comments: Item does not exist on this structure					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_8				
Action/Comments					
Inspector Comments: Item does not exist on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on 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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_12				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_14				
Action/Comments					
Inspector Comments: Item does not exist on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_15				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_16				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_17				
Action/Comments					
Inspector Comments: Item does not exist on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_21				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_22				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_23				
Action/Comments					
Inspector Comments: No hazards 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/14/2016 07/14/2016	Sterling York

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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2013_24				
<b>Action/Comments</b>					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

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**

**2016 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 1

Pumping Plant Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

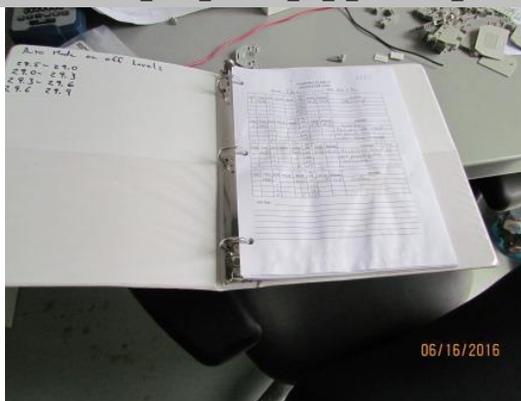
**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operating Log		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_1				
Action/Comments					
Inspector Comments: The operating log is kept on site.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_1\_20160621\_00017.jpg



View of the operating log.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_2				
Action/Comments					
Inspector Comments: The O & M manual is currently being kept at the Sutter Maintenance yard during the pump plant reconstruction. The computer on site has a digital copy as well.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Plant Building		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_3				
Action/Comments					
Inspector Comments: Plant building is mostly complete and appears to be in good working order. The project is currently under construction.					

Photo 1 of 2 : ST\_2016\_NA0060\_21\_3\_20160615\_00002.jpg



View of plant building under construction.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Plant Building		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_3				
Action/Comments					
Inspector Comments: Plant building is mostly complete and appears to be in good working order. The project is currently under construction.					

Photo 2 of 2 : ST\_2016\_NA0060\_21\_3\_20160621\_00032.jpg



View of the side of the plant building.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Communications		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_4				
Action/Comments					
Inspector Comments: Cell phones and two-way radios are available to pump station operators. The remote control operating system (SCADA) is currently being tested and should be ready by the start of flood season.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_4\_20160621\_00018.jpg



View of the telephone in the operating room.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_5				
Action/Comments					
Inspector Comments: Site is under construction safety wear is required during construction (hard hat, vest and eyewear). There is missing safety railing above the inlet grates on the LS.					

Photo 1 of 3 : ST\_2016\_NA0060\_21\_5\_20160621\_00020.jpg



View of the fire extinguisher inside the operating room.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_5				
Action/Comments					
Inspector Comments: Site is under construction safety wear is required during construction (hard hat, vest and eyewear). There is missing safety railing above the inlet grates on the LS.					

Photo 2 of 3 : ST\_2016\_NA0060\_21\_5\_20160621\_00019.jpg



View of the fire extinguisher and emergency shutoff switch.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST\_2016\_NA0060\_21\_5\_20160621\_00033.jpg



View of a damaged guard rail. Must be repaired or replaced.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Cranes		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_6				
Action/Comments					
Inspector Comments: Cranes are not present 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pumps		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_7				
Action/Comments					
Inspector Comments: Pumps appear to be properly maintained and in working condition.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Power		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_8				
Action/Comments					
Inspector Comments: The structure is on the grid with emergency backup generator.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_8\_20160621\_00021.jpg



View of the emergency backup generator.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Motors, Engines, Fans & Gear Reducers		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_10				
Action/Comments					
Inspector Comments: These items appear to be maintained and in operating condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_10\_20160621\_00022.jpg



Photo shows pump motors, which appear to be in operating condition.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pump Control Systems		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_11				
Action/Comments					
Inspector Comments: Pump control systems on site are new and appear to be in working order.					

Photo 1 of 2 : ST\_2016\_NA0060\_21\_11\_20160621\_00025.jpg



View of the flow meters.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_21\_11\_20160621\_00023.jpg



View of the control room.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sumps/Wet Well		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_12				
Action/Comments					
Inspector Comments: Sumps are clear and free of debris.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_12\_20160621\_00026.jpg



View of the wet well. Typical.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_13				
Action/Comments					
Inspector Comments: No debris present on trash racks, they appear to be in good condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_13\_20160621\_00027.jpg



Photo shows properly maintained trash racks.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_14				
Action/Comments					
Inspector Comments: No trash rake at this site.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sluice / Slide Gates		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_15				
Action/Comments					
Inspector Comments: Sluice gates appear to be in good working order.					

No Photos

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_16				
Action/Comments					
Inspector Comments: This item does not currently apply. Motors to mechanically operate sluice gates are not present at the site during construction.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_17\_20160621\_00028.jpg



Photo shows sluice gate operators. Note: Operators can be operated either manually with a hand crank or with externally powered drill.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_18				
Action/Comments					
Inspector Comments: These items appear to be in good condition and should not prevent the structure from performing as intended.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_19				
Action/Comments					
Inspector Comments: Flap gates are in proper working condition, they show no obvious signs of damage.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_19\_20160621\_00029.jpg



Photo shows flap gates and concrete outfall structure.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure present at this location.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_21				
Action/Comments					
Inspector Comments: Site is currently secured by a masonry brick wall.					

Photo 1 of 1 : ST\_2016\_NA0060\_21\_21\_20160621\_00030.jpg



Photo shows masonry brick wall which encloses the pump plant.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Intake and Discharge Pipes		38.931815 °	38.931815 °	
			-121.634331 °	-121.634331 °	
DWR ID	DWR_NA0060_21_t_2012_22				
Action/Comments					
Inspector Comments: No visible deficiencies observed in the pipe's condition.					

Photo 1 of 3 : ST\_2016\_NA0060\_21\_22\_20160621\_00031.jpg



View of the intake wells.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST\_2016\_NA0060\_21\_22\_20160621\_00035.jpg



View of the erosion at the intake walls.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST\_2016\_NA0060\_21\_22\_20160621\_00034.jpg



View of the erosion at the intake walls on the opposite side.

<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**

**2016 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 2

Pumping Plant Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

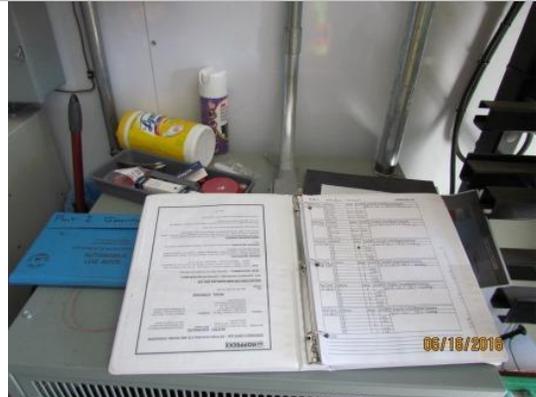
**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operating Log		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_1				
Action/Comments					
Inspector Comments: Operation log is located at the site.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_1\_20160621\_00019.jpg



View of the operating log.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_2				
Action/Comments					
Inspector Comments: O & M Manual is not at the site due to construction; O & M manual is being kept at Sutter Yard.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Plant Building		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_3				
Action/Comments					
Inspector Comments: Plant building is currently under construction. Minor concrete spalling has been noted but it should not prevent the structure from performing as intended.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_3\_20160621\_00020.jpg



View of the side of the plant building.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Communications		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_4				
Action/Comments					
Inspector Comments: Operator has two-way radio and cellular phone available to them. The remote control system is currently being tested and should be ready by the start of flood season.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_4\_20160615\_00004.jpg



View of the on-site telephone.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Safety		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_5				
Action/Comments					
Inspector Comments: Site is under construction safety wear is required during construction (hard hat, vest and eyewear). Some of the hazards may include moving equipment.					

Photo 1 of 2 : ST\_2016\_NA0060\_22\_5\_20160621\_00021.jpg



View of the emergency shutoff switch and fire extinguisher.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_22\_5\_20160621\_00022.jpg



View of the fire extinguisher inside the operating room.

<p><b>* Location</b> LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b> 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Cranes		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_6				
Action/Comments					
Inspector Comments: Cranes are not present at this site.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pumps		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_7				
Action/Comments					
Inspector Comments: Pumps appear to be in good working order.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Power		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_8				
Action/Comments					
Inspector Comments: The structure is on the grid with emergency backup generator.					

Photo 1 of 2 : ST\_2016\_NA0060\_22\_8\_20160615\_00006.jpg



View of the emergency backup generator fuel tank.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>8 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Power			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_8				
Action/Comments					
Inspector Comments: The structure is on the grid with emergency backup generator.					

Photo 2 of 2 : ST\_2016\_NA0060\_22\_8\_20160615\_00007.jpg



View of the emergency backup generator.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Motors, Engines, Fans & Gear Reducers			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_10				
Action/Comments					
Inspector Comments: These items appear to be maintained and in operating condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_10\_20160621\_00023.jpg



View of the pump motors.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_11				
Action/Comments					
Inspector Comments: Pump control systems on site are new and appear to be in working order.					

Photo 1 of 2 : ST\_2016\_NA0060\_22\_11\_20160615\_00010.jpg



View of the pump control computer.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Pump Control Systems			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_11				
Action/Comments					
Inspector Comments: Pump control systems on site are new and appear to be in working order.					

Photo 2 of 2 : ST\_2016\_NA0060\_22\_11\_20160621\_00024.jpg



View of the manual electrical pump controls.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Sumps/Wet Well			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_12				
Action/Comments					
Inspector Comments: Sumps appear to be in good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_12\_20160621\_00025.jpg



View of the sump, typical.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2012_13				
Action/Comments					
Inspector Comments: Trash rack is secure and free of debris.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_13\_20160621\_00026.jpg



View of the trash racks.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_14				
Action/Comments					
Inspector Comments: No trash rake at this site.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sluice / Slide Gates		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_15				
Action/Comments					
Inspector Comments: Sluice gates appear to be properly maintained and operational.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_16				
Action/Comments					
Inspector Comments: This item does not currently apply. Motors to mechanically operate sluice gates are not present at the site during construction.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_17\_20160621\_00027.jpg



Photo shows controls for sluice gates.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_18				
Action/Comments					
Inspector Comments: All other metal parts that were visible are corrosion protected.					

Photo 1 of 3 : ST\_2016\_NA0060\_22\_18\_20160621\_00028.jpg



View of the damaged grate.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST\_2016\_NA0060\_22\_18\_20160621\_00029.jpg



Another view of the damaged grate.

<p><b>* Location</b> LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b> 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> 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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>18 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_18				
Action/Comments					
Inspector Comments: All other metal parts that were visible are corrosion protected.					

Photo 3 of 3 : ST\_2016\_NA0060\_22\_18\_20160621\_00030.jpg



View of damaged concrete.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_19				
Action/Comments					
Inspector Comments: Flap gates are in proper working condition, they show no signs of corrosion or damage.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_19\_20160621\_00031.jpg



View of the flap gates.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure present at this location.					

No Photos

<b>* Location</b>
LS : Land Side
WS : Water Side
CR : Crown

<b>** Rating</b>	
A : Acceptable	N : Not Inspected/Rated
M : Minimally Acceptable	C : Corrected
U : Unacceptable	A/W : Acceptable but Monitor & Maintain

<b>+ Issue Type</b>
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_21				
Action/Comments					
Inspector Comments: Site is currently secured by a masonry brick wall.					

Photo 1 of 1 : ST\_2016\_NA0060\_22\_21\_20160621\_00032.jpg



View of masonry block wall which encloses the site.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Intake and Discharge Pipes		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2012_22				
Action/Comments					
Inspector Comments: No visible deficiencies observed in the pipe's condition.					

Photo 1 of 2 : ST\_2016\_NA0060\_22\_22\_20160615\_00017.jpg



Closer view of the sump wells.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_22\_22\_20160621\_00033.jpg



View of the intake structure.

<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****Unit Cover Sheet****2016 Pumping Plant Inspection Results****DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 3

Pumping Plant Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>1</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operating Log		39.120096 °	39.120096 °	
			-121.779234 °	-121.779234 °	
DWR ID	DWR_NA0060_23_t_2012_1				
Action/Comments					
Inspector Comments: Operation log is at the site.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_1\_20160621\_00014.jpg



View of the Operating Log.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_2				
Action/Comments					
Inspector Comments: O & M manual is not at the site due to construction; O & M manual is being kept at Sutter Yard.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Plant Building		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_3				
Action/Comments					
Inspector Comments: Plant building appears to be in good working condition. The project is currently under construction.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_3\_20160615\_00002.jpg



View of the Plant control building.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Communications		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_4				
Action/Comments					
Inspector Comments: Operator has two-way radio and cellular phone available to them. The remote control operation system (SCADA) is currently being tested and should be ready by the start of flood season.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_4\_20160621\_00015.jpg



View of the telephone inside the operating room.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Safety		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_5				
Action/Comments					
Inspector Comments: Site is under construction safety wear is required during construction (hard hat, vest and eyewear). Some of the hazards may include moving equipment.					

Photo 1 of 2 : ST\_2016\_NA0060\_23\_5\_20160621\_00016.jpg



View of the fire extinguisher and emergency shut off.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_23\_5\_20160621\_00017.jpg



View of the fire extinguisher in the operating room.

<p><b>* Location</b> LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b> 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Cranes		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_6				
Action/Comments					
Inspector Comments: Cranes are not present at this site.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pumps		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_7				
Action/Comments					
Inspector Comments: Pumps appear to be properly maintained and in working condition.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Power		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_8				
Action/Comments					
Inspector Comments: The structure is on the grid with emergency generator backup.					

Photo 1 of 2 : ST\_2016\_NA0060\_23\_8\_20160621\_00018.jpg



View of the emergency backup generator.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>8 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Power		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_8				
Action/Comments					
Inspector Comments: The structure is on the grid with emergency generator backup.					

Photo 2 of 2 : ST\_2016\_NA0060\_23\_8\_20160621\_00022.jpg



View of the backup battery bank.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Motors, Engines, Fans & Gear Reducers		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_10				
Action/Comments					
Inspector Comments: These items appear to be maintained and in operating condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_10\_20160621\_00019.jpg



View of the motors.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pump Control Systems		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_11				
Action/Comments					
Inspector Comments: Pump control systems on site are new and appear to be in working order.					

Photo 1 of 2 : ST\_2016\_NA0060\_23\_11\_20160621\_00021.jpg



View of the flow meters.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>11 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Pump Control Systems		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_11				
Action/Comments					
Inspector Comments: Pump control systems on site are new and appear to be in working order.					

Photo 2 of 2 : ST\_2016\_NA0060\_23\_11\_20160621\_00020.jpg



View of the pump computer and control panels

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sumps/Wet Well		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_12				
Action/Comments					
Inspector Comments: Sumps are clear and free of debris.					

Photo 1 of 2 : ST\_2016\_NA0060\_23\_12\_20160615\_00008.jpg



View of the wet wells with controlled access.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_23\_12\_20160621\_00023.jpg



View of the wet well.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_13				
Action/Comments					
Inspector Comments: No debris present on trash racks, they appear to be in good condition.					

Photo 1 of 2 : ST\_2016\_NA0060\_23\_13\_20160621\_00024.jpg



View of the trash racks.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_23\_13\_20160621\_00025.jpg



View of the trash rack free of debris, total of four similar racks.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		39.120096°	39.120096°	
			-121.779230°	-121.779230°	
DWR ID	DWR_NA0060_23_t_2012_14				
Action/Comments					
Inspector Comments: No trash rake 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Sluice / Slide Gates		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_15				
Action/Comments					
Inspector Comments: Sluice gates appear to be in good working order.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_16				
Action/Comments					
Inspector Comments: Item does not apply, gate operators are manual only.					

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	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_17				
Action/Comments					
Inspector Comments: Manual gate operators appear to be in good working condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_17\_20160621\_00026.jpg



Photo shows manual gate operators.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_18				
Action/Comments					
Inspector Comments: All other metal parts that were visible are corrosion protected.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_19				
Action/Comments					
Inspector Comments: Flap gates appear to be in proper working condition, there are no apparent signs of significant corrosion or damage.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_19\_20160621\_00027.jpg



Photo shows flap gates and concrete outfall structure.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_20				
Action/Comments					
Inspector Comments: No closure structure present at this location.					

No Photos

<p><b>* Location</b> LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b> 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> 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_21				
Action/Comments					
Inspector Comments: Site is currently secured by a masonry brick wall.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_21\_20160621\_00028.jpg



Photo shows masonry brick wall which encloses the entire structure.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Pump Stations		GPS Latitude/Longitude		
			Start	End	
Item	Intake and Discharge Pipes		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_22				
Action/Comments					
Inspector Comments: No visible deficiencies observed in the pipe's condition.					

Photo 1 of 1 : ST\_2016\_NA0060\_23\_22\_20160621\_00029.jpg



View of the structure intake.

<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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Sutter Bypass Weir No. 2

Structure Rating	A
Date of Inspection	7/12/2016
DWR Inspector	Sterling York
Accompanied By	Keith Murray DWR Sutter Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_1				
Action/Comments					
Inspector Comments: The new weir is built under the Permit No. 18400 (CVFPB) issued 10-30-2008.					

Photo 1 of 5 : ST\_2016\_NA0060\_10\_1\_20160720\_00006.jpg



View of the weir from the levee crown looking upstream.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2016\_NA0060\_10\_1\_20160720\_00011.jpg



View across the weir from the left bank.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2016\_NA0060\_10\_1\_20160720\_00008.jpg



View across the weir from the right bank.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.102763 °	39.102763 °
				-121.758738 °	-121.758738 °
DWR ID	DWR_NA0060_10_t_2012_1				
Action/Comments					
Inspector Comments: The new weir is built under the Permit No. 18400 (CVFPB) issued 10-30-2008.					

Photo 4 of 5 : ST\_2016\_NA0060\_10\_1\_20160720\_00010.jpg



View of the entrance of the fish ladder.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST\_2016\_NA0060\_10\_1\_20160720\_00009.jpg



View of the exit of the fish ladder.

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			39.102763 °	39.102763 °
				-121.758738 °	-121.758738 °
DWR ID	DWR_NA0060_10_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_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 **	A	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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 1 of 2 : ST\_2016\_NA0060\_10\_5\_20160720\_00012.jpg



View of the revetment on both side of the downstream slopes.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 2 of 2 : ST\_2016\_NA0060\_10\_5\_20160720\_00013.jpg



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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_7				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_8				
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>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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_9				
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>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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_10				
Action/Comments					
Inspector Comments: Trash racks are fastened in place and properly maintained.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_11				
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>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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_12				
Action/Comments					
Inspector Comments: Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.					

Photo 1 of 2 : ST\_2016\_NA0060\_10\_12\_20160720\_00014.jpg



View of slide gates looking upstream.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_10\_12\_20160720\_00015.jpg



Close up view of one of the slide gates.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_13				
Action/Comments					
Inspector Comments: The sluice gates are opened and closed by the inflation/deflation of a bladder. The compressors' are located in the building on the left bank of the levee crown and are functioning properly.					

Photo 1 of 5 : ST\_2016\_NA0060\_10\_13\_20160720\_00016.jpg



View of the number one compressor.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST\_2016\_NA0060\_10\_13\_20160720\_00020.jpg



View of the number two compressor.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST\_2016\_NA0060\_10\_13\_20160720\_00017.jpg



View of the electronics panel.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13 (cont)</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			39.102763 °	39.102763 °
				-121.758738 °	-121.758738 °
DWR ID	DWR_NA0060_10_t_2012_13				
Action/Comments					
Inspector Comments: The sluice gates are opened and closed by the inflation/deflation of a bladder. The compressors' are located in the building on the left bank of the levee crown and are functioning properly.					

Photo 4 of 5 : ST\_2016\_NA0060\_10\_13\_20160720\_00022.jpg



View of the pressure gages.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>13 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST\_2016\_NA0060\_10\_13\_20160720\_00018.jpg



View of the automatic shutoff switch.

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			39.102763 °	39.102763 °
				-121.758738 °	-121.758738 °
DWR ID	DWR_NA0060_10_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling, and cracking.					

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts. The fence is very close to the hing point of the slope and does not allow access around the out side of the fence in this location.					

Photo 1 of 2 : ST\_2016\_NA0060\_10\_18\_20160720\_00029.jpg



View of security fence around the compressor building. The fence is very close to the hing point of the slope and does not allow access around the out side of the fence in this location.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_10\_18\_20160720\_00030.jpg



View of security fence around the compressor building.

LM Start	<b>0.00</b>	Rating **	A	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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_19				
Action/Comments					
Inspector Comments: Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Componets of closure clearly marked and installation instructions / procedures readily available.					

No Photos

<b>* Location</b>
LS : Land Side
WS : Water Side
CR : Crown

<b>** Rating</b>	
A : Acceptable	N : Not Inspected/Rated
M : Minimally Acceptable	C : Corrected
U : Unacceptable	A/W : Acceptable but Monitor & Maintain

<b>+ Issue Type</b>
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/12/2016 07/12/2016	Sterling York

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_20				
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>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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_21				
Action/Comments					
Inspector Comments: All metal decks are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.					

Photo 1 of 2 : ST\_2016\_NA0060\_10\_21\_20160720\_00027.jpg



View of metallic decking looking from the right bank.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_10\_21\_20160720\_00028.jpg



View of metallic decking looking from the left bank.

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_22				
Action/Comments					
Inspector Comments: The monolith joint material is in good condition.					

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure. Fire extinguisher is located in the compressor building and is current.					

Photo 1 of 3 : ST\_2016\_NA0060\_10\_23\_20160720\_00025.jpg



View of the typical safety fence around the decking of the fish ladder and weir.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST\_2016\_NA0060\_10\_23\_20160720\_00026.jpg



View of the fire extinguisher in the compressor building.

<p><b>* Location</b>                  LS : Land Side                  WS : Water Side                  CR : Crown</p>	<p><b>** Rating</b>                  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>                  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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/12/2016 07/12/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure. Fire extinguisher is located in in the compressor building and is current.					

Photo 3 of 3 : ST\_2016\_NA0060\_10\_23\_20160720\_00024.jpg



View of railing at the entrance of the weir.

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		39.102763 °	39.102763 °	
			-121.758738 °	-121.758738 °	
DWR ID	DWR_NA0060_10_t_2013_24				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file.					

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**

**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Tisdale Weir

Structure Rating	<b>M</b>
Date of Inspection	7/14/2016
DWR Inspector	Sterling York
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST\_2016\_NA0060\_3\_1\_20160725\_00017.jpg



View from the structure facing downstream.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2016\_NA0060\_3\_1\_20160701\_00001.jpg



View from the structure facing downstream.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST\_2016\_NA0060\_3\_1\_20160725\_00015.jpg



View of the structure from the left bank of the channel.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_1				
Action/Comments					

Photo 4 of 4 : ST\_2016\_NA0060\_3\_1\_20160725\_00018.jpg



View of the structure from the right bank of the channel.

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			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered logs in the weir and on the upstream side. The flow is not impeded.					

Photo 1 of 3 : ST\_2016\_NA0060\_3\_2\_20160725\_00020.jpg



View of the logs and debris found on the weir facing the right bank of the channel.

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

Photo 2 of 3 : ST\_2016\_NA0060\_3\_2\_20160725\_00021.jpg



View of the log found on the weir facing the left bank of the channel.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered logs in the weir and on the upstream side. The flow is not impeded.					

Photo 3 of 3 : ST\_2016\_NA0060\_3\_2\_20160725\_00019.jpg



View of the logs & debris found on the weir facing the right bank of the channel.

LM Start	<b>0.00</b>	Rating **	M	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			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_3				
Action/Comments					
Inspector Comments: Minimal shoaling or sedimentation present.					

Photo 1 of 2 : ST\_2016\_NA0060\_3\_3\_20160725\_00023.jpg



View of the sediment buildup in the weir.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>3 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_3\_3\_20160725\_00022.jpg



View of the sediment buildup in the weir facing the right bank of the channel.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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 **	A	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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_6				
Action/Comments					
Inspector Comments: There is a large pile of debris near the upstream of the structure.					

Photo 1 of 1 : ST\_2016\_NA0060\_3\_6\_20160725\_00024.jpg



View of the large pile of debris near the upstream of the structure at the north end of the parking lot..

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_7				
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>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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_8				
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>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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_9				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_10				
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>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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_11				
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>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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling and cracking on main surface of structure and wing walls.					

Photo 1 of 10 : ST\_2016\_NA0060\_3\_15\_20160701\_00013.jpg



View of the damaged area. Rebar can be observed.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling and cracking on main surface of structure and wing walls.					

Photo 2 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00029.jpg



View of cracks in the right side abutment.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00028.jpg



View of more cracking in the right side abutment.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 4 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00036.jpg



View of left side abutment, there is missing concrete and exposed rebar at the base of the abutment.

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N</b> : Not Inspected/Rated <b>C</b> : Corrected <b>A/W</b> : 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling and cracking on main surface of structure and wing walls.					

Photo 5 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00035.jpg



Closer view of missing concrete and exposed rebar at the base of the left side abutment.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 6 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00032.jpg



View of the deteriorating baffle's.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 7 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00034.jpg



View of the deteriorating baffle's and exposed rebar.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling and cracking on main surface of structure and wing walls.					

Photo 8 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00031.jpg



View of the deteriorating baffle's and exposed rebar.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 9 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00033.jpg



View of the deteriorating or missing baffle's and exposed rebar.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 10 of 10 : ST\_2016\_NA0060\_3\_15\_20160725\_00030.jpg



View of the deteriorating baffle's and exposed rebar.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_18				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

LM Start	<b>0.00</b>	Rating **	A	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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_22				
Action/Comments					
Inspector Comments: The monolith joint material is in good condition, But there is concrete damage at some of the monolithic joints.					

Photo 1 of 1 : ST\_2016\_NA0060\_3\_22\_20160725\_00025.jpg



View of concrete damage at some of the monolithic joints, does not seem to be impeding the structure's functions.

LM Start	<b>0.00</b>	Rating **	M	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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_23				
Action/Comments					
Inspector Comments: Concrete should be repaired to conceal the exposed rebar. Safety fence is protecting the structure from the public parking lot.					

Photo 1 of 2 : ST\_2016\_NA0060\_3\_23\_20160725\_00027.jpg



View of the concrete that needs to be repaired to conceal the exposed rebar.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_3\_23\_20160725\_00026.jpg



View of safety fence separating the weir from the public parking lot.

<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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		07/14/2016 07/14/2016	Sterling York

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			39.026713 °	39.026713 °
				-121.821995 °	-121.821995 °
DWR ID	DWR_NA0060_3_t_2013_24				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M manual on file. There is not a spot on site to house the O&M manual.					

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**  
**2016 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Wadsworth Canal Weir No. 4

Structure Rating	A
Date of Inspection	6/16/2016
DWR Inspector	Maksim Khashchuk
Accompanied By	Wade Wylie DWR
	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	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	Photo Documentation		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_23				
Action/Comments					
Inspector Comments: Upstream side of the structure is clear of debris.					

Photo 1 of 2 : ST\_2016\_NA0060\_11\_23\_20160617\_00005.jpg



View of the downstream side of the Wadsworth Canal Weir No. 4.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>23 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2016\_NA0060\_11\_23\_20160617\_00004.jpg



View of the upstream side of the Wadsworth Canal Weir No. 4.

LM Start	<b>0.00</b>	Rating **	A	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	Vegetation & Obstructions		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_1				
Action/Comments					
Inspector Comments: There is no vegetation that would impact the flow of water.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

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	Shoaling / Sedimentation		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_2				
Action/Comments					
Inspector Comments: There is no shoaling or sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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	Erosion / Bank Caving		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_3				
Action/Comments					
Inspector Comments: Repair all erosion along the channel before winter.					

Photo 1 of 1 : ST\_2016\_NA0060\_11\_3\_20160617\_00003.jpg



View of the erosion around the upstream end of the structure.

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	Revetments		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_4				
Action/Comments					
Inspector Comments: Extended riprap protection is properly maintained.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4			06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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	Encroachments	39.153325 °	39.153325 °		
		-121.734122 °	-121.734122 °		
DWR ID	DWR_NA0060_11_t_2012_5				
Action/Comments					
Inspector Comments: There is no debris obstructing the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	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	Culverts: Inlets / Outlets	39.153325 °	39.153325 °		
		-121.734122 °	-121.734122 °		
DWR ID	DWR_NA0060_11_t_2012_6				
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>7</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	39.153325 °	39.153325 °		
		-121.734122 °	-121.734122 °		
DWR ID	DWR_NA0060_11_t_2012_7				
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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	N	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	Metal Pipes		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_8				
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>9</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_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	Flap Gates		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_10				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

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	Sluice/Slide Gates		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_11				
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>12</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		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_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	Manual Gate Operators		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_13				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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	Concrete Surfaces		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_14				
Action/Comments					
Inspector Comments: There is no spalling or cracking of the structure.					

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 Tilting / Settlement		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_15				
Action/Comments					
Inspector Comments: There are no significant areas of tilting.					

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 Foundations		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_16				
Action/Comments					
Inspector Comments: There is some erosion on the downstream side 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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

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	Security Fencing		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_17				
Action/Comments					
Inspector Comments: There is a security fence around the structure.					

No Photos

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	Closure Structures		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_18				
Action/Comments					
Inspector Comments: There are stop logs available for within the channel, but the structure does not have any other closure structure.					

No Photos

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	Trash Rakes		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_19				
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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

LM Start	<b>0.00</b>	Rating **	A	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	Other Metallic Items		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_20				
Action/Comments					
Inspector Comments: Metallic items appear to be in good condition.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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	Monolith Joints		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_21				
Action/Comments					
Inspector Comments: The mortar joint material is in good condition.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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	Safety		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_22				
Action/Comments					
Inspector Comments: Sutter Maintenance Yard has a safety program in place.					

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 2016**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/16/2016 06/16/2016	Maksim Khashchuk

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		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2013_24				
Action/Comments					
Inspector Comments: The yard has a copy of the O&M Manual.					

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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