

**Flood Control Project Maintenance**  
**2020 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	M
	Metal Pipes	M
	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**  
**2020 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	M
	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**  
**2020 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	M
	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**  
**2020 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Goose Lake Overflow Structure**

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	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**  
**2020 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**  
**2020 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	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	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	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2020 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	A
	Shoaling / Sedimentation	A
	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	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  
2020 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**  
**2020 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**  
**2020 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Nelson Bend**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Photo Documentation	N
	Vegetation & Obstructions	U
	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**  
**2020 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	M
	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  
2020 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**  
**2020 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	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	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**  
**2020 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	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	U
	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**  
**2020 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	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	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Butte Slough Drainage Structure

Structure Rating	<a href="#">A</a>
Date of Inspection	<a href="#">6/17/2020</a>
DWR Inspector	<a href="#">Makar Sokol</a>
Accompanied By	<a href="#">Bryan Reniff</a> <a href="#">Sutter Maintenance Yard</a>

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 1 of 6 : ST\_2020\_NA0060\_38\_1\_20200618\_00009.jpg



View of the Butte Slough Drainage Structure on 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 2 of 6 : ST\_2020\_NA0060\_38\_1\_20200618\_00010.jpg



Up-close view of the Butte Slough Drainage Structure on 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 3 of 6 : ST\_2020\_NA0060\_38\_1\_20200618\_00011.jpg



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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 4 of 6 : ST\_2020\_NA0060\_38\_1\_20200618\_00012.jpg



View of the Butte Slough Drainage Structure on the waterside.

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\_2020\_NA0060\_38\_1\_20200618\_00013.jpg



Top view of the outfall flap gate.

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\_2020\_NA0060\_38\_1\_20200618\_00014.jpg



Side view of the outfall flap gate.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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 landside, 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					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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 were observed during the inspection.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure			06/17/2020 06/17/2020	Makar Sokol

LM Start	<b>0.00</b>	Rating **	M	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 small holes due to corrosion.					

Photo 1 of 1 : ST\_2020\_NA0060\_38\_8\_20200618\_00018.jpg



View of the pipe from the landside.

LM Start	<b>0.00</b>	Rating **	M	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 small holes due to corrosion.					

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: 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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure			06/17/2020 06/17/2020	Makar Sokol

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					

Photo 1 of 1 : ST\_2020\_NA0060\_38\_11\_20200618\_00015.jpg



View of the flap gate.

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: 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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure			06/17/2020 06/17/2020	Makar Sokol

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: This item does not apply to this inspection.					

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: This item does not apply to this inspection.					

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 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                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                    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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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: This item does not apply to this inspection.					

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: 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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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: 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		39.197288 °	39.197288 °	
			-121.943847 °	-121.943847 °	
DWR ID	DWR_NA0060_38_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 *	
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: 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		06/17/2020 06/17/2020	Makar Sokol

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**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Butte Slough Outfall Structure

Structure Rating	A
Date of Inspection	6/17/2020
DWR Inspector	Makar Sokol
Accompanied By	Bryan Reniff Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 1 of 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00012.jpg



View of the Butte Slough Outfall Structure from the landside levee crown.

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 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00013.jpg



Another view of the Butte Slough Outfall 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 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00014.jpg



View of the platform and 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 4 of 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00015.jpg



View of the valve operator with rust on the gears.

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 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00016.jpg



View of the abandoned in-place hoist system.

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 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00017.jpg



View of the Butte Slough Outfall Structure headwall on the waterside of the levee.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 7 of 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00018.jpg



View of the right side of the structure's headwall.

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 8 of 8 : ST\_2020\_NA0060\_42\_1\_20200618\_00019.jpg



View of the left side of the structure's headwall.

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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 is visible.					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.194972 °	39.194972 °	
			-121.936088 °	-121.936088 °	
DWR ID	DWR_NA0060_42_t_2012_4				
Action/Comments					
Inspector Comments: The active erosion at the outlet's headwall is progressing from year to year. The erosion needs to be addressed.					

Photo 1 of 2 : ST\_2020\_NA0060\_42\_4\_20200618\_00020.jpg



View of the active erosion around the rightside of the headwall.

Photo 2 of 2 : ST\_2020\_NA0060\_42\_4\_20200618\_00021.jpg



View of the active erosion around the leftside of the headwall.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>4 (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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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, however, some lubrication may need to be applied to ensure proper operation of the mechanism.					

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 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 is 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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: The active erosion noted in issue No. 4 should be addressed.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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: This item does not apply to this inspection.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		06/17/2020 06/17/2020	Makar Sokol

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

<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**  
**Unit Cover Sheet**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Colusa Weir

Structure Rating	A
Date of Inspection	6/17/2020
DWR Inspector	Makar Sokol
Accompanied By	Bob Duffey DWR Sutter Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00014.jpg



View of the weir from the left bank 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 2 of 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00015.jpg



View of the weir from the left bank 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 3 of 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00016.jpg



View of the weir from the right bank looking upstream.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00017.jpg



View of the weir from the right bank 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 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00018.jpg



View of the weir's right bank 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 6 of 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00021.jpg



View of the weir's left bank 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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 7 of 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00019.jpg



Typical 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 8 of 8 : ST\_2020\_NA0060\_55\_1\_20200618\_00020.jpg



Typical upstream view from 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			39.232135 °	39.232135 °
				-121.996253 °	-121.996253 °
DWR ID	DWR_NA0060_55_t_2012_2				
Action/Comments					
Inspector Comments: A small tree should be removed from the downstream side of the weir. Minor debris and sedimentation is present. The flow is minimally impeded.					

Photo 1 of 1 : ST\_2020\_NA0060\_55\_2\_20200618\_00023.jpg



View of a tree growing along one of the pillars on the downstream side 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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Colusa Weir			06/17/2020 06/17/2020	Makar Sokol

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: Sedimentation is present. Most of the sedimentation buildup is within the right half of the weir.					

Photo 1 of 1 : ST\_2020\_NA0060\_55\_3\_20200618\_00024.jpg



View of the sediment buildup.

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					

No Photos

LM Start	<b>0.00</b>	Rating **	M	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: The riprap is present. Vegetation within the riprapped area should be cleared.					

Photo 1 of 1 : ST\_2020\_NA0060\_55\_5\_20200618\_00025.jpg



View of the riprap on the downstream side 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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

<p><b>* Location</b></p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p><b>** Rating</b></p> <p>A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                    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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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					

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: 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		06/17/2020 06/17/2020	Makar Sokol

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**

**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Goose Lake Overflow Structure

Structure Rating	A
Date of Inspection	6/17/2020
DWR Inspector	Makar Sokol
Accompanied By	Bob Duffey DWR Sutter Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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 2 : ST\_2020\_NA0060\_225\_1\_20200616\_00001.jpg



The structure location is highlighted and is shown in relation to the 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 *	CR

Photo 2 of 2 : ST\_2020\_NA0060\_225\_1\_20200618\_00007.jpg



Typical view of the structure.

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 20 feet on both sides of the weir.					

Photo 1 of 2 : ST\_2020\_NA0060\_225\_2\_20200618\_00009.jpg



View of the vegetation on the 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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
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 20 feet on both sides of the weir.					

Photo 2 of 2 : ST\_2020\_NA0060\_225\_2\_20200618\_00010.jpg



View of the vegetation on the downstream 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 *	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					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 1 of 1 : ST\_2020\_NA0060\_225\_5\_20200618\_00011.jpg



View of the revetment on the downstream of the weir.

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					

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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

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					

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 *	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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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					

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 *	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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Goose Lake Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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: There are no safety features built in or necessary at 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 *	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				
Action/Comments					
Inspector Comments: There is not an O+M manual for this structure.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown
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<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
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<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Highland Canal Diversion Weir And Drainage Structure

Structure Rating	A
Date of Inspection	6/16/2020
DWR Inspector	Zach Jojola
Accompanied By	Bob Duffey DWR

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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\_2020\_NA0060\_7\_1\_20200617\_00008.jpg



View of the weir. Summer 2020.

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 is some minor vegetation that will not impede the flow of water through the culvert or over the weir structure.					

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		39.126317 °	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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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_NA0060_7_t_2018_5				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.126317 °	39.126317 °	
			-122.882733 °	-122.882733 °	
DWR ID	DWR_NA0009_7_t_2012_6				
Action/Comments					
Inspector Comments: No debris was found at 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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 debris within the culvert.					

Photo 1 of 2 : ST\_2020\_NA0060\_7\_7\_20200617\_00010.jpg



View of the inlets. Summer 2020.

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\_2020\_NA0060\_7\_7\_20200617\_00011.jpg



View of the outlets. Summer 2020.

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

\* 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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

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: Flap gates appear to be operational.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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

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: 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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: Minor cracking and scaling on the concrete structure, but does not appear to threaten its structural integrity.					

Photo 1 of 2 : ST\_2020\_NA0060\_7\_15\_20200617\_00012.jpg



View of the weir inlet. Summer 2020.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2020\_NA0060\_7\_15\_20200617\_00013.jpg



View of the weir stilling basin at the outlet. Summer 2020.

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 are no visible areas of tilting 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Highland Canal Diversion Weir And Drainage Structure		06/16/2020 06/16/2020	Zach Jojola

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**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Little Chico Creek Control And Weir Structures

Structure Rating	A
Date of Inspection	7/29/2020
DWR Inspector	Brooks Weisser
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_1				
Action/Comments					

Photo 1 of 5 : ST\_2020\_NA0060\_9\_1\_20200805\_00019.jpg



View of the Little Chico Structure looking upstream, 2020.

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\_2020\_NA0060\_9\_1\_20200805\_00020.jpg



View of the Little Chico Structure looking north, 2020.

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\_2020\_NA0060\_9\_1\_20200805\_00021.jpg



View of the control structure and weir looking downstream, 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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			39.733555 °	39.733555 °
				-121.771772 °	-121.771772 °
DWR ID	DWR_NA0060_9_t_2012_1				
Action/Comments					

Photo 4 of 5 : ST\_2020\_NA0060\_9\_1\_20200805\_00022.jpg



View of the Little Chico Structure looking south, 2020.

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\_2020\_NA0060\_9\_1\_20200805\_00023.jpg



View of the Little Chico Weir Structure looking south, 2020.

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			39.733555 °	39.733555 °
				-121.771772 °	-121.771772 °
DWR ID	DWR_NA0060_9_t_2012_2				
Action/Comments					
Inspector Comments: Any unwanted vegetation should be removed before winter but currently will not impede flow, 2020.					

Photo 1 of 3 : ST\_2020\_NA0060\_9\_2\_20200805\_00027.jpg



This is a view looking upstream at the vegetation from the control structure, 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

LM Start	<b>0.00</b>	Rating **	A	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			39.733555 °	39.733555 °
				-121.771772 °	-121.771772 °
DWR ID	DWR_NA0060_9_t_2012_2				
Action/Comments					
Inspector Comments: Any unwanted vegetation should be removed before winter but currently will not impede flow, 2020.					

Photo 2 of 3 : ST\_2020\_NA0060\_9\_2\_20200805\_00028.jpg



This is a view looking downstream from the control structure at the vegetation, 2020.

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 3 of 3 : ST\_2020\_NA0060\_9\_2\_20200805\_00029.jpg



This is a view looking downstream from the weir at the vegetation, 2020.

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			39.733555 °	39.733555 °
				-121.771772 °	-121.771772 °
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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_6				
Action/Comments					
Inspector Comments: Wood debris encroachment in the weir should be removed but currently will not impede flow, 2020.					

Photo 1 of 1 : ST\_2020\_NA0060\_9\_6\_20200805\_00030.jpg



View of wood debris trapped in the north side of the weir, 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_7				
Action/Comments					
Inspector Comments: Inlets and outlets are clear of obstructions, 2020.					

Photo 1 of 1 : ST\_2020\_NA0060\_9\_7\_20200805\_00031.jpg



View of culverts clear of obstructions, 2020.

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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 **	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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_12				
Action/Comments					
Inspector Comments: The two sluice gates on either end of the control structure are in good condition, 2020.					

Photo 1 of 2 : ST\_2020\_NA0060\_9\_12\_20200727\_00014.jpg



View of the two sluice gates on either end of the control structure, 2019.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>12 (cont)</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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_12				
Action/Comments					
Inspector Comments: The two sluice gates on either end of the control structure are in good condition, 2020.					

Photo 2 of 2 : ST\_2020\_NA0060\_9\_12\_20200727\_00015.jpg



View of the two sluice gates on either end of the control structure, 2019.

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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 **	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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_14				
Action/Comments					
Inspector Comments: There are no manual gates on this structure.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_15				
Action/Comments					
Inspector Comments: The concrete surface appears to be in good condition in most locations but one of the inlets is showing some wear and spalling. Rebar is exposed and should be covered, 2020.					

Photo 1 of 1 : ST\_2020\_NA0060\_9\_15\_20200805\_00032.jpg



View of one of the inlets that is showing some wear and spalling and rebar is exposed, 2020.

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_16				
Action/Comments					
Inspector Comments: No noticeable or identifiable areas of tilting, sliding or settlement were observed during inspection.					

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_17				
Action/Comments					
Inspector Comments: The concrete foundation 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
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 **	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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_23				
Action/Comments					
Inspector Comments: Hand rails are installed and are in good condition, 2020.					

Photo 1 of 2 : ST\_2020\_NA0060\_9\_23\_20200805\_00033.jpg



Hand rails are installed and are in good condition, 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures		07/29/2020 07/29/2020	Brooks Weisser

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_t_2012_23				
Action/Comments					
Inspector Comments: Hand rails are installed and are in good condition, 2020.					

Photo 2 of 2 : ST\_2020\_NA0060\_9\_23\_20200805\_00034.jpg



Hand rails are installed and are in good condition, 2020.

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		39.733555 °	39.733555 °	
			-121.771772 °	-121.771772 °	
DWR ID	DWR_NA0060_9_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

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
M&T Ranch Overflow Structure

Structure Rating	<a href="#">A</a>
Date of Inspection	<a href="#">6/17/2020</a>
DWR Inspector	<a href="#">Makar Sokol</a>
Accompanied By	<a href="#">Bob Duffey</a> <a href="#">DWR Sutter Yard</a>

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_1				
Action/Comments					
Inspector Comments: Per Sutter Yard, the temporary berm on the upstream side of the structure was placed to divert the flow for the restoration project. The berm requires no maintenance and will erode naturally.					

Photo 1 of 3 : ST\_2020\_NA0060\_228\_1\_20200616\_00001.jpg



The structure location is highlighted and is shown in relation to the 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 *	WS

Photo 2 of 3 : ST\_2020\_NA0060\_228\_1\_20200618\_00008.jpg



Typical view 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 *	WS

Photo 3 of 3 : ST\_2020\_NA0060\_228\_1\_20200618\_00009.jpg



View of the temporary berm on the upstream side of the overflow 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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure			06/17/2020 06/17/2020	Makar Sokol

LM Start	<b>0.00</b>	Rating **	A	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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_2				
Action/Comments					

Photo 1 of 1 : ST\_2020\_NA0060\_228\_2\_20200618\_00010.jpg



View of the vegetation on the 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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation observed during the inspection.					

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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_4				
Action/Comments					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_5				
Action/Comments					

No Photos

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	En	Location *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_6				
Action/Comments					

Photo 1 of 1 : ST\_2020\_NA0060\_228\_6\_20200618\_00011.jpg



View of the electrical wire fence encroachment on the upstream side of the structure.

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_15				
Action/Comments					

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_16				
Action/Comments					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_17				
Action/Comments					

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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_22				
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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
M&T Ranch Overflow Structure		06/17/2020 06/17/2020	Makar Sokol

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		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_23				
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 *	WS
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Operation & Maintenance Manual		39.671973 °	39.671973 °	
			-121.953475 °	-121.953475 °	
DWR ID	DWR_NA0014_228_t_2013_24				
Action/Comments					
Inspector Comments: No O&M Manual exists for 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**

**Unit Cover Sheet**

**2020 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Middle Creek Pumping Plant

Pumping Plant Rating	A
Date of Inspection	6/16/2020
DWR Inspector	Zach Jojola
Accompanied By	Bob Duffey DWR

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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 operating 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.					

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	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. The adjacent structure has some differential settlement that has been stable for the last few years.					

Photo 1 of 2 : ST\_2020\_NA0060\_17\_3\_20200617\_00012.jpg



View of the pumping plant. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant			06/16/2020 06/16/2020	Zach Jojola

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. The adjacent structure has some differential settlement that has been stable for the last few years.					

Photo 2 of 2 : ST\_2020\_NA0060\_17\_3\_20200617\_00013.jpg



View of the settlement on the adjacent structure. Summer 2020.

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.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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 1 : ST\_2020\_NA0060\_17\_7\_20200617\_00014.jpg



View of the pumps. Summer 2020.

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 appears to be reliable and safe.					

Photo 1 of 1 : ST\_2020\_NA0060\_17\_8\_20200617\_00015.jpg



View of the powerlines that supply power to the plant. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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_2019_10				
Action/Comments					
Inspector Comments: There were no motors or fans present at this plant other than the pumps.					

No Photos

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_2020_11				
Action/Comments					
Inspector Comments: The pump control systems appeared to be operational and free of damage.					

Photo 1 of 1 : ST\_2020\_NA0060\_17\_11\_20200617\_00016.jpg



View of the pump control housing. Summer 2020.

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\_2020\_NA0060\_17\_12\_20200617\_00018.jpg



View of the wet well and intake pumps. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant			06/16/2020 06/16/2020	Zach Jojola

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\_2020\_NA0060\_17\_13\_20200617\_00019.jpg



View of the trash racks. Summer 2020.

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 are in good working condition.					

Photo 1 of 1 : ST\_2020\_NA0060\_17\_15\_20200617\_00020.jpg



View of the slide gates. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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

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 are in good working condition.					

Photo 1 of 2 : ST\_2020\_NA0060\_17\_17\_20200617\_00022.jpg



View of a manual gate operator. Summer 2020.

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\_2020\_NA0060\_17\_17\_20200617\_00023.jpg



View of the second manual gate operator. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		06/16/2020 06/16/2020	Zach Jojola

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.					

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	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.					

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**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Moulton Weir

Structure Rating	<a href="#">A</a>
Date of Inspection	<a href="#">6/17/2020</a>
DWR Inspector	<a href="#">Makar Sokol</a>
Accompanied By	<a href="#">Bob Duffey</a> <a href="#">DWR Sutter Yard</a>

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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\_2020\_NA0060\_4\_1\_20200618\_00017.jpg



View of the weir from the left bank 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 2 of 6 : ST\_2020\_NA0060\_4\_1\_20200618\_00021.jpg



View of the left bank 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\_2020\_NA0060\_4\_1\_20200618\_00018.jpg



View of the weir from the right bank 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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\_2020\_NA0060\_4\_1\_20200618\_00022.jpg



View of the right bank 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\_2020\_NA0060\_4\_1\_20200618\_00019.jpg



View of the upstream 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 6 of 6 : ST\_2020\_NA0060\_4\_1\_20200618\_00020.jpg



View of the downstream of 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_3				
Action/Comments					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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\_2020\_NA0060\_4\_5\_20200618\_00023.jpg



View of the revetment along the downstream side of the 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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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_2020_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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: Some spalling and cracking is present, but it does not appear to be significant.					

Photo 1 of 2 : ST\_2020\_NA0060\_4\_15\_20200618\_00024.jpg



View of the spalling at one of the joints.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2020\_NA0060\_4\_15\_20200618\_00025.jpg



View of a longitudinal crack along a vertical concrete section.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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		39.338242 °	39.338242 °	
			-122.022073 °	-122.022073 °	
DWR ID	DWR_NA0060_4_t_2012_17				
Action/Comments					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		06/17/2020 06/17/2020	Makar Sokol

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					

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

Photo 1 of 1 : ST\_2020\_NA0060\_4\_23\_20200618\_00026.jpg



View of the safety and guard railing around the right bank abutment.

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**

**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Nelson Bend

Structure Rating	<b>M</b>
Date of Inspection	7/21/2020
DWR Inspector	Brooks Weisser
Accompanied By	Robert Duffey DWR

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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 2 : ST\_2020\_NA0060\_54\_1\_20200727\_00001.jpg



View looking south of Nelson Bend Rock Quarry Weir, 2020.

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 2 : ST\_2020\_NA0060\_54\_1\_20200727\_00002.jpg



View looking north of Nelson Bend Rock Quarry Weir, 2020.

LM Start	<b>0.00</b>	Rating **	U	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: There is scattered obstructions or vegetation. The vegetation should be cleared and trees trimmed up. Flows will be Impeded in a high water event.					

Photo 1 of 3 : ST\_2020\_NA0060\_54\_2\_20200727\_00003.jpg



View of the vegetation that is overgrowing the rock weir looking south, 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Nelson Bend			07/21/2020 07/21/2020	Brooks Weisser

LM Start	<b>0.00</b>	Rating **	U	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		38.895500 °	38.887450 °	
			-121.616950 °	-121.615330 °	
DWR ID	DWR_NA0060_54_t_2012_2				
Action/Comments					
Inspector Comments: There is scattered obstructions or vegetation. The vegetation should be cleared and trees trimmed up. Flows will be Impeded in a high water event.					

Photo 2 of 3 : ST\_2020\_NA0060\_54\_2\_20200727\_00004.jpg



View of the vegetation that is overgrowing the rock weir looking north, 2020.

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

Photo 3 of 3 : ST\_2020\_NA0060\_54\_2\_20200727\_00005.jpg



View of the vegetation around the rock weir looking downstream, 2020.

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Nelson Bend			07/21/2020 07/21/2020	Brooks Weisser

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 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	38.895500 °	38.887450 °		
		-121.616950 °	-121.615330 °		
DWR ID	DWR_NA0060_54_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions are present within the easement.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/21/2020 07/21/2020	Brooks Weisser

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

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				
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**

**2020 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 1

Pumping Plant Rating	A
Date of Inspection	7/15/2020
DWR Inspector	David Julian
Accompanied By	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

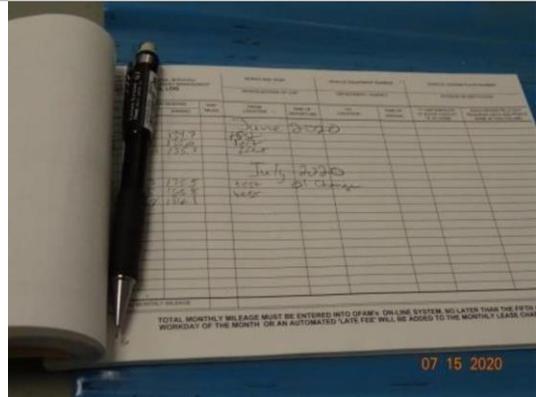
**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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.					

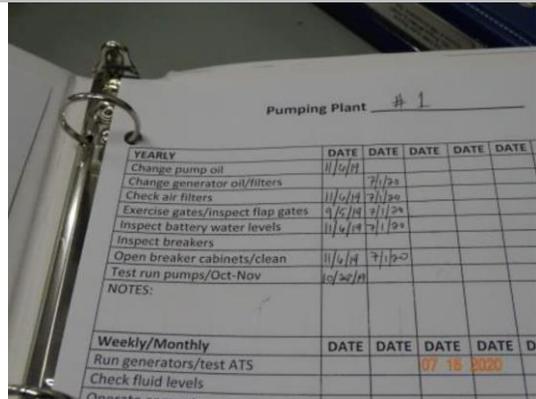
Photo 1 of 2 : ST\_2020\_NA0060\_21\_1\_20200716\_00030.jpg



Operating log (Summer 2020).

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

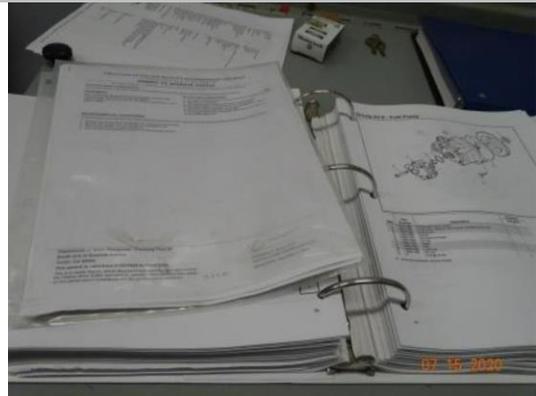
Photo 2 of 2 : ST\_2020\_NA0060\_21\_1\_20200716\_00031.jpg



Maintenance log (Summer 2020).

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 available at the site.					

Photo 1 of 1 : ST\_2020\_NA0060\_21\_2\_20200716\_00032.jpg



O&M Manual (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			07/15/2020 07/15/2020	David Julian

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 appears to be in good working order.					

Photo 1 of 1 : ST\_2020\_NA0060\_21\_3\_20200716\_00034.jpg



View of control room (Summer 2020).

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) appears to be operational. Satellite dish and antenna communicate real-time plant data.					

Photo 1 of 2 : ST\_2020\_NA0060\_21\_4\_20200716\_00035.jpg



View of data broadcasting antennae (Summer 2020).

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

Photo 2 of 2 : ST\_2020\_NA0060\_21\_4\_20200716\_00036.jpg



View of data broadcasting satellite dish (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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: All safety gear is in place and in working order.					

Photo 1 of 5 : ST\_2020\_NA0060\_21\_5\_20200716\_00025.jpg



View of fire extinguisher inside the operating room (Summer 2020).

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 5 : ST\_2020\_NA0060\_21\_5\_20200716\_00026.jpg



View of fire extinguisher next to facility entrance (Summer 2020).

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 5 : ST\_2020\_NA0060\_21\_5\_20200716\_00027.jpg



View of stairway railing along side of facility (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			07/15/2020 07/15/2020	David Julian

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: All safety gear is in place and in working order.					

Photo 4 of 5 : ST\_2020\_NA0060\_21\_5\_20200716\_00028.jpg



View of fall protection cable hook-in next to wet wells (Summer 2020).

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 5 of 5 : ST\_2020\_NA0060\_21\_5\_20200716\_00029.jpg



View of railings next to flap gate grate and manual gate operators (Summer 2020).

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

**\* 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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\_2020\_NA0060\_21\_8\_20200716\_00037.jpg



View of backup generator inside the facility (Summer 2020).

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 2 : ST\_2020\_NA0060\_21\_10\_20200716\_00038.jpg



View of pump motors (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			07/15/2020 07/15/2020	David Julian

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10 (cont)</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 2 of 2 : ST\_2020\_NA0060\_21\_10\_20200716\_00039.jpg



View of pump oil well (Summer 2020).

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 1 : ST\_2020\_NA0060\_21\_11\_20200716\_00033.jpg



View of pump control panels inside operating room (Summer 2020).

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\_2020\_NA0060\_21\_12\_20200716\_00040.jpg



View of one of the wet wells. All four wet wells looked like this (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1			07/15/2020 07/15/2020	David Julian

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\_2020\_NA0060\_21\_13\_20200716\_00041.jpg



View of trash racks (Summer 2020).

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></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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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 available during the flood season.					

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 condition.					

Photo 1 of 1 : ST\_2020\_NA0060\_21\_17\_20200716\_00042.jpg



View of manual gate operators (Summer 2020).

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.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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 appear to be in working condition. There are no apparent signs of significant corrosion or damage. All are closed.					

Photo 1 of 1 : ST\_2020\_NA0060\_21\_19\_20200716\_00043.jpg



View of flap gates (Summer 2020).

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 secured by a masonry brick wall and steel gate.					

Photo 1 of 1 : ST\_2020\_NA0060\_21\_21\_20200716\_00044.jpg



View of concrete security fence with additional chainlink fence, and steel security door (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		07/15/2020 07/15/2020	David Julian

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 pipes' 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**

**Unit Cover Sheet**

**2020 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 2

Pumping Plant Rating	A
Date of Inspection	7/15/2020
DWR Inspector	David Julian
Accompanied By	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

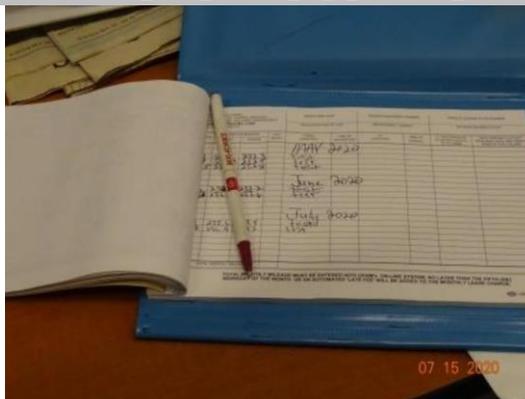
**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			07/15/2020 07/15/2020	David Julian

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 and maintenance log located in the control building.					

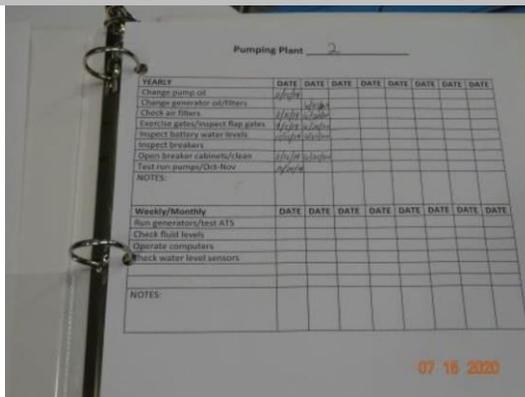
Photo 1 of 2 : ST\_2020\_NA0060\_22\_1\_20200716\_00022.jpg



View of operating log (Summer 2020).

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

Photo 2 of 2 : ST\_2020\_NA0060\_22\_1\_20200716\_00023.jpg



View of maintenance log (Summer 2020).

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 present in the control building.					

Photo 1 of 1 : ST\_2020\_NA0060\_22\_2\_20200716\_00024.jpg



View of O&M Manual (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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 appears to be in working order.					

Photo 1 of 1 : ST\_2020\_NA0060\_22\_3\_20200716\_00025.jpg



View of outside of pump operating building (Summer 2020).

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 operating system (SCADA) appears to be operational. Satellite dish and antenna communicate real-time plant data.					

Photo 1 of 2 : ST\_2020\_NA0060\_22\_4\_20200716\_00026.jpg



View of data broadcasting satellite dish (Summer 2020).

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

Photo 2 of 2 : ST\_2020\_NA0060\_22\_4\_20200716\_00027.jpg



View of data broadcasting antennae (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			07/15/2020 07/15/2020	David Julian

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_2019_5				
Action/Comments					
Inspector Comments: The site has fire extinguishers on site and fall protection rails. Gates have been installed to limit access to pump inlet. Railings above trash racks are in the process of installation.					

Photo 1 of 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00028.jpg



View of fire extinguisher inside operating building (Summer 2020).

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 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00029.jpg



View of fire extinguisher next to facility entrance (Summer 2020).

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 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00030.jpg



View of stair railing down to pump inlet (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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			39.026449 °	39.026449 °
				-121.726937 °	-121.726937 °
DWR ID	DWR_NA0060_22_t_2019_5				
Action/Comments					
Inspector Comments: The site has fire extinguishers on site and fall protection rails. Gates have been installed to limit access to pump inlet. Railings above trash racks are in the process of installation.					

Photo 4 of 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00031.jpg



View of fall protection cable next to wet wells (Summer 2020).

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 5 of 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00032.jpg



View of railing and signage next to manual gate operators (Summer 2020).

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 6 of 6 : ST\_2020\_NA0060\_22\_5\_20200716\_00033.jpg



View of railings above the outlets (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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 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\_2020\_NA0060\_22\_8\_20200716\_00034.jpg



View of fuel tank for emergency generator (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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\_2020\_NA0060\_22\_8\_20200716\_00035.jpg



View of emergency generator (Summer 2020).

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 operational condition.					

Photo 1 of 2 : ST\_2020\_NA0060\_22\_10\_20200716\_00036.jpg



View of pump motors (Summer 2020).

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2020\_NA0060\_22\_10\_20200716\_00037.jpg



View of pump oil wells (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2			07/15/2020 07/15/2020	David Julian

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 1 : ST\_2020\_NA0060\_22\_11\_20200716\_00038.jpg



View of pump control panels in the pump operating room (Summer 2020).

LM Start	<b>0.00</b>	Rating **	M	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: Trash and plant debris buildup in sump number 4 should be removed.					

Photo 1 of 1 : ST\_2020\_NA0060\_22\_12\_20200716\_00039.jpg



View of debris in sump 4 (Summer 2020).

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\_2020\_NA0060\_22\_13\_20200716\_00040.jpg



View of trash racks (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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 available during the flood season.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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\_2020\_NA0060\_22\_17\_20200716\_00041.jpg



View of manual gate operators (Summer 2020).

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		39.026449 °	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.					

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		39.026449 °	39.026449 °	
			-121.726937 °	-121.726937 °	
DWR ID	DWR_NA0060_22_t_2019_19				
Action/Comments					
Inspector Comments: Flap gates appear to be in working condition. There are no apparent signs of significant corrosion or damage. All are closed.					

Photo 1 of 1 : ST\_2020\_NA0060\_22\_19\_20200716\_00042.jpg



View of closed flap gates (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		07/15/2020 07/15/2020	David Julian

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

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 secured with masonry and concrete wall and steel entrance door.					

Photo 1 of 1 : ST\_2020\_NA0060\_22\_21\_20200716\_00043.jpg



View of steel security door and concrete security wall around facility (Summer 2020).

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 pipes' 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**

**Unit Cover Sheet**

**2020 Pumping Plant Inspection Results**

**DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 3

Pumping Plant Rating	A
Date of Inspection	7/15/2020
DWR Inspector	David Julian
Accompanied By	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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 and maintenance log are in the operating building.					

Photo 1 of 2 : ST\_2020\_NA0060\_23\_1\_20200716\_00019.jpg



View of operating log (Summer 2020).

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

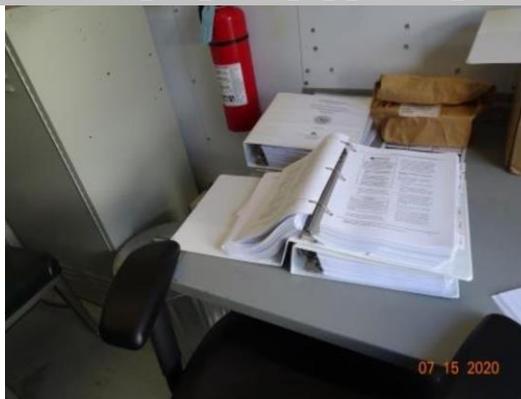
Photo 2 of 2 : ST\_2020\_NA0060\_23\_1\_20200716\_00020.jpg



View of maintenance log (Summer 2020).

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 present at the site. Sutter Maintenance Yard will provide documentation of maintenance going forward.					

Photo 1 of 1 : ST\_2020\_NA0060\_23\_2\_20200716\_00021.jpg



View of O&M Manual (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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 working condition.					

Photo 1 of 1 : ST\_2020\_NA0060\_23\_3\_20200716\_00022.jpg



View of plant operating building (Summer 2020).

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 operating system (SCADA) appears to be operational. Satellite dish and antenna communicate realtime plant data.					

Photo 1 of 2 : ST\_2020\_NA0060\_23\_4\_20200716\_00036.jpg



View of data broadcasting satellite dish (Summer 2020).

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

Photo 2 of 2 : ST\_2020\_NA0060\_23\_4\_20200716\_00037.jpg



View of data broadcasting antennae (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			07/15/2020 07/15/2020	David Julian

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: The site has fire extinguishers on site and fall protection rails.					

Photo 1 of 5 : ST\_2020\_NA0060\_23\_5\_20200716\_00027.jpg



View of railing for stairway down to pump inlet (Summer 2020).

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 5 : ST\_2020\_NA0060\_23\_5\_20200716\_00023.jpg



View of fire extinguisher inside operating building (Summer 2020).

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 5 : ST\_2020\_NA0060\_23\_5\_20200716\_00024.jpg



View of fire extinguisher adjacent to facility entrance (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			07/15/2020 07/15/2020	David Julian

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		39.120096 °	39.120096 °	
			-121.779230 °	-121.779230 °	
DWR ID	DWR_NA0060_23_t_2012_5				
Action/Comments					
Inspector Comments: The site has fire extinguishers on site and fall protection rails.					

Photo 4 of 5 : ST\_2020\_NA0060\_23\_5\_20200716\_00025.jpg



View of safety railing and signage above flap gates and manual gate operators (Summer 2020).

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 5 of 5 : ST\_2020\_NA0060\_23\_5\_20200716\_00026.jpg



View of fall protection cable and signage next to wet wells (Summer 2020).

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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 1 : ST\_2020\_NA0060\_23\_8\_20200716\_00028.jpg



View of emergency backup generator (Summer 2020).

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 2 : ST\_2020\_NA0060\_23\_10\_20200716\_00029.jpg



View of pump motors (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10 (cont)</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 2 of 2 : ST\_2020\_NA0060\_23\_10\_20200716\_00030.jpg



View of pump oil well (Summer 2020).

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 1 : ST\_2020\_NA0060\_23\_11\_20200716\_00031.jpg



View of pump control panels in operating building (Summer 2020).

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 1 : ST\_2020\_NA0060\_23\_12\_20200716\_00032.jpg



View of one wet well that represents appearance of all wet wells (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3			07/15/2020 07/15/2020	David Julian

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 1 : ST\_2020\_NA0060\_23\_13\_20200716\_00033.jpg



View of trash racks (Summer 2020).

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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 working order.					

Photo 1 of 1 : ST\_2020\_NA0060\_23\_17\_20200716\_00034.jpg



View of manual gate operators (Summer 2020).

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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_2019_19				
Action/Comments					
Inspector Comments: Flap gates appear to be in working condition. There are no apparent signs of significant corrosion or damage. All are closed.					

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		39.120096 °	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

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 concrete wall and steel entrance door.					

Photo 1 of 1 : ST\_2020\_NA0060\_23\_21\_20200716\_00035.jpg



View of concrete security fencing and steel entrance door (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		07/15/2020 07/15/2020	David Julian

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.					

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**  
**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Sutter Bypass Weir No. 2

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	David Julian
Accompanied By	Gregg Ahlers Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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			39.102526 °	39.102526 °
				-121.758682 °	-121.758682 °
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 3 : ST\_2020\_NA0060\_10\_1\_20200716\_00022.jpg



View of outside of compressor facility (Summer 2020).

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 3 : ST\_2020\_NA0060\_10\_1\_20200716\_00023.jpg



View looking downslope of levee at entire weir and fish ladder (Summer 2020).

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 3 : ST\_2020\_NA0060\_10\_1\_20200716\_00025.jpg



View looking upstream at weir (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2012_2				
Action/Comments					
Inspector Comments: Some vegetation starting to establish on sluice gates and in front of fish ladder.					

Photo 1 of 2 : ST\_2020\_NA0060\_10\_2\_20200716\_00013.jpg



View of vegetation starting to establish in front of sluice gates (Summer 2020).

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\_2020\_NA0060\_10\_2\_20200716\_00014.jpg



View of vegetation starting to establish in front of fish ladder (Summer 2020).

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation visible during 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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\_2020\_NA0060\_10\_5\_20200716\_00015.jpg



View of rip rap on the right bank downstream of the weir (Summer 2020).

Photo 2 of 2 : ST\_2020\_NA0060\_10\_5\_20200716\_00016.jpg



View of rip rap on the left bank downstream of the weir (Summer 2020).

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 **	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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2012_10				
Action/Comments					
Inspector Comments: There are no trash racks at this structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 1 : ST\_2020\_NA0060\_10\_12\_20200716\_00017.jpg



View of slide gates looking upstream (Summer 2020).

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 1 : ST\_2020\_NA0060\_10\_13\_20200716\_00018.jpg



View of control panel, air compressor, and generator (Summer 2020).

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End		Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2			07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_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. The fence is very close to the hinge point of the slope and does not allow access around the out side of the fence in this location.					

Photo 1 of 1 : ST\_2020\_NA0060\_10\_18\_20200716\_00019.jpg



View of security fencing around the compressor building (Summer 2020).

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2012_19				
Action/Comments					
Inspector Comments: Closure structure in good repair. Placing equipment, stoplogs, and other materials are available at the Sutter Yard.					

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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.					

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
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 2 : ST\_2020\_NA0060\_10\_23\_20200716\_00020.jpg



View of fire extinguisher in compressor building (Summer 2020).

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		07/15/2020 07/15/2020	David Julian

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2012_23				
<b>Action/Comments</b>					
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 2 of 2 : ST\_2020\_NA0060\_10\_23\_20200716\_00021.jpg



View of fall protection railing surrounding weir (Summer 2020).

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		39.102526 °	39.102526 °	
			-121.758682 °	-121.758682 °	
DWR ID	DWR_NA0060_10_t_2013_24				
<b>Action/Comments</b>					
Inspector Comments: Sutter Maintenance Yard has a copy of the O&M at the site.					

Photo 1 of 1 : ST\_2020\_NA0060\_10\_24\_20200714\_00012.jpg



View of O&M manual (Summer 2019).

<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**

**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Tisdale Weir

Structure Rating	<b>M</b>
Date of Inspection	6/16/2020
DWR Inspector	Zach Jojola
Accompanied By	Bob Duffey DWR

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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\_2020\_NA0060\_3\_1\_20200617\_00017.jpg



View of the weir from the north abutment. Summer 2020.

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\_2020\_NA0060\_3\_1\_20200617\_00018.jpg



View of the weir from the south abutment. Summer 2020.

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\_2020\_NA0060\_3\_1\_20200617\_00019.jpg



View of the weir inlet. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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\_2020\_NA0060\_3\_1\_20200617\_00020.jpg



Downstream view of the weir. Summer 2020.

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_2				
Action/Comments					
Inspector Comments: Minimal scattered obstructions or 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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_3				
Action/Comments					
Inspector Comments: Negligible shoaling and sedimentation.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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.					

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 is undamaged.					

Photo 1 of 1 : ST\_2020\_NA0060\_3\_5\_20200617\_00021.jpg



View of the riprap on the south end. Summer 2020.

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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 **	U	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, cracking, exposed rebar throughout the structure.					

Photo 1 of 3 : ST\_2020\_NA0060\_3\_15\_20200617\_00022.jpg



View of cracks on the south abutment. Summer 2020.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

LM Start	<b>0.00</b>	Rating **	U	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, cracking, exposed rebar throughout the structure.					

Photo 2 of 3 : ST\_2020\_NA0060\_3\_15\_20200617\_00023.jpg



View of exposed rebar on the still basin. Summer 2020.

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST\_2020\_NA0060\_3\_15\_20200617\_00024.jpg



View of exposed rebar on north abutment. Summer 2020.

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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_2018_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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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

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.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir		06/16/2020 06/16/2020	Zach Jojola

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		39.026713 °	39.026713 °	
			-121.821995 °	-121.821995 °	
DWR ID	DWR_NA0060_3_t_2012_23				
Action/Comments					
Inspector Comments: No safety hazards present.					

Photo 1 of 1 : ST\_2020\_NA0060\_3\_23\_20200617\_00025.jpg



View of safety fence. Summer 2020.

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

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

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

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2020 Structure Inspection Results**

**DWR Sutter Maintenance Yard**

Structure
Wadsworth Canal Weir No. 4

Structure Rating	A
Date of Inspection	6/17/2020
DWR Inspector	Makar Sokol
Accompanied By	Bob Duffey Sutter Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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					

Photo 1 of 3 : ST\_2020\_NA0060\_11\_23\_20200618\_00007.jpg



View of the upstream 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 3 : ST\_2020\_NA0060\_11\_23\_20200618\_00008.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 3 of 3 : ST\_2020\_NA0060\_11\_23\_20200618\_00006.jpg



Upclose view of the upstream side of the Wadsworth Canal Weir No. 4.

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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

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 **	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	Erosion / Bank Caving		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_3				
Action/Comments					

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 2020**

**DWR Sutter Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4			06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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

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

<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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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

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 visible concrete spalling or cracking.					

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					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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: The erosion on the downstream side near the structure has been addressed.					

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	Security Fencing		39.153325 °	39.153325 °	
			-121.734122 °	-121.734122 °	
DWR ID	DWR_NA0060_11_t_2012_17				
Action/Comments					

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 use within the channel, but the structure does not have any true closure device as the channel would overtop.					

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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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

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 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 2020**

**DWR Sutter Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4		06/17/2020 06/17/2020	Makar Sokol

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: There is a safety rail around the structure.					

Photo 1 of 1 : ST\_2020\_NA0060\_11\_22\_20200618\_00009.jpg



View of the safety railings around the structure.

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

\* 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