

**Flood Control Project Maintenance**  
**2015 Structure Summary Report**  
**Overall Unit and Item Ratings**

## DWR Sacramento Maintenance Yard

### Cache Creek Settling Basin 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	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	A
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	N
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2015 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Fremont 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**  
**2015 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Knights Landing Outfall 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	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	N
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2015 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Paradise Dam**

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

**Flood Control Project Maintenance**  
**2015 Structure Summary Report**  
**Overall Unit and Item Ratings**

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

**Sacramento Weir**

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	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	N
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2015 Structure Inspection Results**

**DWR Sacramento Maintenance Yard**

Structure
Cache Creek Settling Basin Weir And Drainage Structure

Structure Rating	A
Date of Inspection	07/07/2015
DWR Inspector	Jai Lor
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24</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			38.682438 °	38.687317 °
				-121.672924 °	-121.673711 °
DWR ID	DWR_NA0055_12_t_2012_24				
Action/Comments					
Inspector Comments: View of south end of the weir (38.682438, -121.672924), north end of the weir (38.687317, -121.673711), top of the levee at the control structure (38.678487, -121.672944).					

Photo 1 of 3 : ST\_2015\_NA0055\_12\_24\_20150707\_00012.jpg



View of the inlet structure at the south end of the weir. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : ST\_2015\_NA0055\_12\_24\_20150707\_00013.jpg



View of the back of the inlet structure at the south end of the weir. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 3 of 3 : ST\_2015\_NA0055\_12\_24\_20150707\_00014.jpg



View of the outlet structure at the south end of the weir. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure			Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure				07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained. Riprap is clearly visible and undamaged.					

Photo 1 of 2 : ST\_2015\_NA0055\_12\_5\_20150707\_00010.jpg



View of the revetment and weir looking to the north. Summer 2015.

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

Photo 2 of 2 : ST\_2015\_NA0055\_12\_5\_20150707\_00011.jpg



View of the revetment and weir looking to the south. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions is present within the project easement area.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>7</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_7				
Action/Comments					
Inspector Comments: There is little or no debris, sediment or vegetation blocking the culverts, inlets, sump or discharge areas. The channel capacity for designed flow is not affected.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_8				
Action/Comments					
Inspector Comments: There are no culverts at 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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_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 2015**

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>10</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_10				
Action/Comments					
Inspector Comments: Trash racks are fastened in place and properly maintained.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_11				
Action/Comments					
Inspector Comments: Flap gates open and close easily with minimal leakage.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_12				
Action/Comments					
Inspector Comments: Gates open and close freely and free of sediment and other obstructions.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>13</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_14				
Action/Comments					
Inspector Comments: The gates are tested once a year with safety and dams.					

Photo 1 of 2 : ST\_2015\_NA0055\_12\_14\_20150707\_00006.jpg



View of the control structure on the south end of the Cobble Weir. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 2 : ST\_2015\_NA0055\_12\_14\_20150707\_00007.jpg



View of the control structure for the flap gates to the outlet structure. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking.					

Photo 1 of 2 : ST\_2015\_NA0055\_12\_15\_20150707\_00008.jpg



View of the Cobble Weir from the South end. Summer 2015.

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

Photo 2 of 2 : ST\_2015\_NA0055\_12\_15\_20150707\_00009.jpg



View of the Cobble Weir from the North end. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_16				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_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 2015**

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.682460 °	38.687350 °	
			-121.672930 °	-121.673740 °	
DWR ID	DWR_NA0055_12_t_2012_23				
<b>Action/Comments</b>					
Inspector Comments: Safety hardware is installed and an adequate protection for fall hazards exist. No hazardous conditions exist that might affect the operation of the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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	Operation & Maintenance Manual		38.682438 °	38.687317 °	
			-121.672924 °	-121.673711 °	
DWR ID	DWR_NA0055_12_t_2013_1				
<b>Action/Comments</b>					
Inspector Comments: The O&M Manual for the structure has been found and sent to the LMA.					

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**

**Unit Cover Sheet**

**2015 Structure Inspection Results**

**DWR Sacramento Maintenance Yard**

Structure
Fremont Weir

Structure Rating	A
Date of Inspection	07/07/2015
DWR Inspector	Jai Lor
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24</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		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_24				
Action/Comments					
Inspector Comments: West end of the weir (38.758909, -121.665548), Fish ladder (38.764355, -121.646851), East end of the weir (38.764635, -121.635437).					

Photo 1 of 5 : ST\_2015\_NA0055\_2\_24\_20150819\_00018.jpg



View of the weir looking Northeast (38.75888, -121.66538). Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 5 : ST\_2015\_NA0055\_2\_24\_20150819\_00019.jpg



View of the weir looking Northwest (38.764678, -121.635606). Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 3 of 5 : ST\_2015\_NA0055\_2\_24\_20150707\_00016.jpg



View of the fish ladder from the outlet side (38.764235, -121.646939). Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</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		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_24				
Action/Comments					
Inspector Comments: West end of the weir (38.758909, -121.665548), Fish ladder (38.764355, -121.646851), East end of the weir (38.764635, -121.635437).					

Photo 4 of 5 : ST\_2015\_NA0055\_2\_24\_20150819\_00020.jpg



View of the weir looking to the Southwest from the fish ladder. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 5 of 5 : ST\_2015\_NA0055\_2\_24\_20150819\_00017.jpg



View of the weir looking to the Northeast from the fish ladder. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

Photo 1 of 1 : ST\_2015\_NA0055\_2\_5\_20150707\_00008.jpg



View of the revetment looking downstream. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 2015**

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>9</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>12</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_15				
Action/Comments					
Inspector Comments: Crack runs from the top to the bottom on the downstream side at the West end of the weir. The crack appears to be about 1" at the top of the wall and about 1/2" near the bottom. This does not affect the function of the weir. It is minor but needs to be repaired. (see photo in photo documation)					

Photo 1 of 3 : ST\_2015\_NA0055\_2\_15\_20150819\_00021.jpg



View of the crack on the wall of the fish ladder. Summer 2015.

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

Photo 2 of 3 : ST\_2015\_NA0055\_2\_15\_20150819\_00022.jpg



View of the crack at the end of the weir. Summer 2015.

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

Photo 3 of 3 : ST\_2015\_NA0055\_2\_15\_20150819\_00023.jpg



Perspective view of the crack at the end of the weir. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Tilting / Settlement	38.758880 °	38.764680 °		
		-121.665380 °	-121.635430 °		
DWR ID	DWR_NA0055_2_t_2012_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Foundations	38.758880 °	38.764680 °		
		-121.665380 °	-121.635430 °		
DWR ID	DWR_NA0055_2_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Security Fencing	38.758880 °	38.764680 °		
		-121.665380 °	-121.635430 °		
DWR ID	DWR_NA0055_2_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>19</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Fremont Weir			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.758880 °	38.764680 °	
			-121.665380 °	-121.635430 °	
DWR ID	DWR_NA0055_2_t_2012_23				
Action/Comments					
Inspector Comments: No hazardous conditions that might affect the operation of the structure.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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	Operation & Maintenance Manual		38.758909 °	38.764638 °	
			-121.665548 °	-121.635434 °	
DWR ID	DWR_NA0055_2_t_2013_1				
Action/Comments					
Inspector Comments: The O&M Manual for the structure has been found and sent to the LMA.					

No Photos

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

**Unit Cover Sheet**

**2015 Structure Inspection Results**

**DWR Sacramento Maintenance Yard**

Structure
Knights Landing Outfall Structure

Structure Rating	A
Date of Inspection	07/07/2015
DWR Inspector	Jai Lor
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure			07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_1				
Action/Comments					
Inspector Comments: North end of structure: (38.799581, -121.725272). South end of structure (38.799254, -121.724824).					

Photo 1 of 4 : ST\_2015\_NA0055\_41\_1\_20150707\_00009.jpg



View of the inlet side of the structure. Summer 2015.

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\_2015\_NA0055\_41\_1\_20150707\_00010.jpg



View of the outlet side of the structure. Summer 2015.

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\_2015\_NA0055\_41\_1\_20150707\_00011.jpg



View of the channel looking downstream. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure			07/07/2015 07/07/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Photo Documentation		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_1				
Action/Comments					
Inspector Comments: North end of structure: (38.799581, -121.725272). South end of structure (38.799254, -121.724824).					

Photo 4 of 4 : ST\_2015\_NA0055\_41\_1\_20150707\_00012.jpg



View of the stop log and channel looking upstream. Summer 2015.

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded. Aquatic weeds are increasing on the stop logs and upstream of the 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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_5				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure			07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to the 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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_11				
Action/Comments					
Inspector Comments: The structure was upgraded. There are new flap gates on the structure.					

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_12				
Action/Comments					

Photo 1 of 1 : ST\_2015\_NA0055\_41\_12\_20150819\_00013.jpg



View of the unopened slide gate on the inlet side of the structure. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure			07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_13				
Action/Comments					
Inspector Comments: The gates were not operated but appear to be functional.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_14				
Action/Comments					
Inspector Comments: The manual gates were not tested but appears to be operational.					

Photo 1 of 2 : ST\_2015\_NA0055\_41\_14\_20150707\_00007.jpg



Close-up view of the wheel for the flap gate. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2015\_NA0055\_41\_14\_20150707\_00008.jpg



View of the control structure to manually close the flap gates. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_15				
Action/Comments					
Inspector Comments: All cracks on the wall surfaces have been repaired.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_16				
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>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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the 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 2015**

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

LM Start	<b>0.00</b>	Rating **	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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_19				
Action/Comments					
Inspector Comments: Closure structure is in good condition. Placing equipment, stop logs, and other materials are readily available at all times. Components of closure are clearly marked and installation instructions / procedures are readily available.					

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_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 2015**

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure			07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2013_21				
Action/Comments					
Inspector Comments: All metallic items have been replaced or protected in 2012-2013.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		07/07/2015 07/07/2015	Jai Lor

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		38.799560 °	38.799320 °	
			-121.725530 °	-121.724850 °	
DWR ID	DWR_NA0055_41_t_2013_24				
Action/Comments					
Inspector Comments: The yard has the manuals 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**

**2015 Structure Inspection Results**

**DWR Sacramento Maintenance Yard**

Structure
Paradise Dam

Structure Rating	<b>M</b>
Date of Inspection	07/23/2015
DWR Inspector	Jai Lor
Accompanied By	Dave Williams Sacramento Maintenance Yard

**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24</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		37.760713 °	37.760713 °	
			-121.309550 °	-121.309550 °	
DWR ID	DWR_NA0055_52_t_2012_24				
Action/Comments					
Inspector Comments: On the levee crown right bank of the dam. (37.760635, -121.309542)					

Photo 1 of 5 : ST\_2015\_XX0000\_52\_24\_20150724\_00006.jpg



View of the structure looking to the south end. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 5 : ST\_2015\_XX0000\_52\_24\_20150724\_00007.jpg



View of the structure looking to the south end. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 3 of 5 : ST\_2015\_XX0000\_52\_24\_20150724\_00008.jpg



View of the riprap on the structure looking downstream. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</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		37.760713 °	37.760713 °	
			-121.309550 °	-121.309550 °	
DWR ID	DWR_NA0055_52_t_2012_24				
Action/Comments					
Inspector Comments: On the levee crown right bank of the dam. (37.760635, -121.309542)					

Photo 4 of 5 : ST\_2015\_XX0000\_52\_24\_20150724\_00009.jpg



View of the structure looking to the north end. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 5 of 5 : ST\_2015\_XX0000\_52\_24\_20150724\_00010.jpg



View of the inlet side of the structure looking to the north. Summer 2015.

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_2				
Action/Comments					
Inspector Comments: Vegetation growth (such as dense vegetation (willows) obstructions block the upstream side (San Joaquin River) of the FCW.					

Photo 1 of 2 : ST\_2015\_XX0000\_52\_2\_20150724\_00004.jpg



View of the willows on the structure looking upstream. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>2 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_2				
Action/Comments					
Inspector Comments: Vegetation growth (such as dense vegetation (willows) obstructions block the upstream side (San Joaquin River) of the FCW.					

Photo 2 of 2 : ST\_2015\_XX0000\_52\_2\_20150724\_00011.jpg



View of the photos on the structure looking to the north. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>3</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Revetments	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Encroachments	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Culverts: Inlets / Outlets	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>8</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Flap Gates	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Sluice/Slide Gates	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Electric Gate Operators	37.760584 °	37.760584 °		
		-121.309450 °	-121.309450 °		
DWR ID	DWR_NA0055_52_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_15				
Action/Comments					
Inspector Comments: This item does not apply to the 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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 M : Minimally Acceptable U : Unacceptable</p>	<p>N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor &amp; Maintain</p>	<p><b>+ Issue Type</b></p> <p>Ma : Maintenance Deficiency Ob : Design &amp; System Obsolescence En : Enforcement</p>
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**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Paradise Dam			07/23/2015 07/23/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	M	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2012_23				
Action/Comments					
Inspector Comments: Minor safety hazards are present, but do not pose an immediate threat to the structure or personnel at the structure. There are exposed, rusted cable and the rip rap that backs up the old dam is very hard to walk on.					

Photo 1 of 1 : ST\_2015\_XX0000\_52\_23\_20150724\_00005.jpg



Exposed cables on the structure looking to the south. Summer 2015.

LM Start	<b>0.00</b>	Rating **	U	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	Operation & Maintenance Manual		37.760584 °	37.760584 °	
			-121.309450 °	-121.309450 °	
DWR ID	DWR_NA0055_52_t_2013_1				
Action/Comments					
Inspector Comments: There is no O&M Manual for this structure.					

No Photos

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

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

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

**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2015 Structure Inspection Results**

**DWR Sacramento Maintenance Yard**

Structure
Sacramento Weir

Structure Rating	A
Date of Inspection	07/08/2015
DWR Inspector	Jai Lor
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24</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		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_24				
Action/Comments					
Inspector Comments: South end of the weir bay #48 38.602812 -121.555783, North end of the weir bay #1 38.607156 -121.560092					

Photo 1 of 3 : ST\_2015\_NA0055\_1\_24\_20150708\_00011.jpg



View of the inlet side of the structure looking to the southwest. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 2 of 3 : ST\_2015\_NA0055\_1\_24\_20150708\_00012.jpg



View of the outlet side of the structure looking to the northeast. Summer 2015.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>24 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR

Photo 3 of 3 : ST\_2015\_NA0055\_1\_24\_20150708\_00013.jpg



View of the outlet side of the structure looking to the northwest. Summer 2015.

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation & Obstructions		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_2				
Action/Comments					
Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Shoaling / Sedimentation		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation present.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>4</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Erosion / Bank Caving		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the structure.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Revetments		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_5				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>6</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Inlets / Outlets		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>8</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Culverts: Breaks / Holes / Cracks		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Metal Pipes		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Racks		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>11</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Flap Gates		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Sluice/Slide Gates		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Electric Gate Operators		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>14</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Manual Gate Operators		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_14				
Action/Comments					
Inspector Comments: All manual gate operators are in good working condition.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done(see photos).					

Photo 1 of 7 : ST\_2015\_NA0055\_1\_15\_20150708\_00014.jpg



View of the exposure of the rebar at the top of the structure on the north end of the structure. Summer 2015.

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

Photo 2 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00017.jpg



( Bay 14) Rebar is exposed on the defusion wall. Summer 2014

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done(see photos).					

Photo 3 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00018.jpg



(Bay1) Small cracking and rebar is exposed. Summer 2014

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

Photo 4 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00019.jpg



(Bay11) A small amount of scouring at the base of the wall. Summer 2014

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

Photo 5 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00020.jpg



(Bay 6) Scouring on the defusion wall. Summer 2014

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>15 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Surfaces		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_15				
Action/Comments					
Inspector Comments: Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done(see photos).					

Photo 6 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00021.jpg



(Bay3) Some rebar is exposed. Summer 2014

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

Photo 7 of 7 : ST\_2015\_NA0055\_1\_15\_20150819\_00022.jpg



(Bay 12) A small amount of scouring at the base of the wall. Summer 2014

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>16</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Tilting / Settlement		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_16				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>17</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Concrete Foundations		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

Photo 1 of 1 : ST\_2015\_NA0055\_1\_17\_20150819\_00016.jpg



View of the concrete erosion at the bottom of the wing wall for base 3 of the structure. Summer 2015.

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>18</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Security Fencing		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

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 *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Closure Structures		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_19				
Action/Comments					
Inspector Comments: Closure structure in good repair.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>20</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Trash Rakes		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>21</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Other Metallic Items		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_21				
Action/Comments					
Inspector Comments: All metal parts 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 **	N	Issue No.	<b>22</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Monolith Joints		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

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

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

**DWR Sacramento Maintenance Yard**

Structure		Structure Length	Inspection Start/End	Inspector
Sacramento Weir			07/08/2015 07/08/2015	Jai Lor

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>23</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	CR
Category	Structures & Concrete Lined Channels		GPS Latitude/Longitude		
			Start	End	
Item	Safety		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2012_23				
Action/Comments					
Inspector Comments: All safety equipment is stored at the Sacramento Maintenance Yard.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	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	Operation & Maintenance Manual		38.607120 °	38.607120 °	
			-121.560100 °	-121.560100 °	
DWR ID	DWR_NA0055_1_t_2013_1				
Action/Comments					
Inspector Comments: The O&M manual for the structure has been found and sent to the LMA.					

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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