

Flood Control Project Maintenance
2008 Structure Summary Report
Overall Unit and Item Ratings

DWR Sacramento Maintenance Yard

Cache Creek Setting Basin Weir And Drainage Structure

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Revetments	A
	Sluice/Slide Gates	A
	Concrete Surfaces	A
	Security Fencing	A
	Closure Structures	A

Fremont Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Revetments	A
	Concrete Surfaces	A
	Other Metallic Items	A

Knights Landing Outfall Structure

Overall Unit Rating	Rated Item	Item Rating
A	Erosion Areas	A
	Metal Pipes	A
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Operations	A
	Concrete Surfaces	A
	Security Fencing	A
	Trash Rakes	A

Paradise Dam

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	M
	Encroachments	A
	Erosion Areas	M

Sacramento Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Manual Operations	A
	Concrete Surfaces	A

Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure	
Cache Creek Setting Basin Weir And Drainage Structure	

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure		Inspection Date	Inspector
Cache Creek Setting Basin Weir And Drainage Structure		07/17/2008	John Williamson

Roll Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	no vegetation and debris around the intake structure has been cleared	°		1
2	Structures & Concrete Lined Channels	Revetments		A	rip rap is in good condition sheep grazing keeping vegetation clear	°		2
3	Structures & Concrete Lined Channels	Sluice/Slide Gates		A	appear in good condition operate manually as necessary	°		3
4	Structures & Concrete Lined Channels	Concrete Surfaces		A	all concrete surfaces in good condition	°	Y	5
5	Structures & Concrete Lined Channels	Security Fencing		A	fencing around outlet structure maintained properly	°		4
6	Structures & Concrete Lined Channels	Closure Structures		A	closure structure is safe and locked appears to be in good condition	°		6

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable N : Not Inspected</p>
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Cache Creek Setting Basin Weir And Drainage Structure	07/17/2008	John Williamson

Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of Cache Weir and stilling basin rip rap on north side GPS center of weir 38.68457 - 121.67326	



Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of low flow inlet structure located southeast corner of settling basin closure gates upper right corner of picture GPS at gates on levee 38.67844 -121.67294	



Report Line	4
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of outlet of low flow channel	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure
Fremont Weir

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure		Inspection Date	Inspector
Fremont Weir		07/17/2008	John Williamson

Roll Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	Remove debris and vegetation from stilling basin prior to flood season			1
2	Structures & Concrete Lined Channels	Revetments		A	revetment is in good condition			2
3	Structures & Concrete Lined Channels	Concrete Surfaces		A	some cracks and spalling exist on the weir and in the stilling basin GPS point abutment East Levee Yolo Bypass 38.76501 -121.63543		Y	3
4	Structures & Concrete Lined Channels	Concrete Surfaces		A	crack on downstream of the right (north) abutment and the two cracks at Rattlesnake Island abutment right side (north) have not changed			4
5	Structures & Concrete Lined Channels	Other Metallic Items		A	gauging house and walkways are in good condition new station at north end of weir			5

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected C : Corrected
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Fremont Weir	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of weir and stilling basin from abutment unit 1GPS 38.75907 -121.66541	



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View from fish ladder looking west GPS 38.76424 -121.64689	



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View from fish ladder looking east	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Fremont Weir	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces

View looking west from abutment East Levee Yolo Bypass



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable N : Not Inspected</p>
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Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure
Knights Landing Outfall Structure

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure		Inspection Date	Inspector
Knights Landing Outfall Structure		07/17/2008	John Williamson

Roll Line	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Erosion Areas		A	condition of fill from bulkheads to levee has no eroision		o	10
2	Structures & Concrete Lined Channels	Metal Pipes		A			o	3
3	Structures & Concrete Lined Channels	Flap Gates		A			o Y	4
4	Structures & Concrete Lined Channels	Sluice/Slide Gates		A			o	7
5	Structures & Concrete Lined Channels	Electric Gate Operators		A			o	5
6	Structures & Concrete Lined Channels	Manual Operations		A			o	6
7	Structures & Concrete Lined Channels	Concrete Surfaces		A	condition of bulkhead vertical crack downstream side, left bank has not changed. Horizontal crack on the upstream left bulkhead		o	2
8	Structures & Concrete Lined Channels	Concrete Surfaces		A	GPS south side of structure 38.79932 -121.72491		o	1
9	Structures & Concrete Lined Channels	Concrete Surfaces		A	Gps point taken from the north side of structure 38.79960 -121.72522 control and storage buildings in good shape		o	11
10	Structures & Concrete Lined Channels	Security Fencing		A			o	8
11	Structures & Concrete Lined Channels	Trash Rakes		A	The trash rake is a log boom with debris against it minimal		o Y	9

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected C : Corrected
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Flood Control Project Maintenance

Inspection Report - Structure 2008

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Knights Landing Outfall Structure	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Flap Gates

Downstream side of the structure from right bank



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Flap Gates

Downstream side view from left bank



Report Line	11
Location	
Category	Structures & Concrete Lined Channels
Item	Trash Rakes

Upstream side of structure from right bank log boom in place



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure
Paradise Dam

Date of Inspection	7/29/2008
DWR Inspector	Richard Willoughby
Structure Rating	M

**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure		Inspection Date	Inspector
Paradise Dam		07/29/2008	Richard Willoughby

RptLine	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		M	Start Lat & Long is the southside of the structure RD 2095 & 2058 End Lat & Long is the northside of the structure at RD 2107. The overgrowth of the willow are on the upstream side of the dam.	37.759900 ° -121.309340 °	Y	1
2	Structures & Concrete Lined Channels	Encroachments		A			Y	3
3	Structures & Concrete Lined Channels	Erosion Areas		M			Y	2

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> <p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p> <p>C : Corrected</p>
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Paradise Dam	07/29/2008	Richard Willoughby

Report Line	1
Location	
Category	Structures & Concrete Lined Channels
Item	Vegetation & Obstructions
Looking at downstream side of dam	



Report Line	1
Location	
Category	Structures & Concrete Lined Channels
Item	Vegetation & Obstructions
Looking at overgrowth of willow on the downstream side of the Dam	



Report Line	2
Location	
Category	Structures & Concrete Lined Channels
Item	Encroachments
Looking downstream from Dam structure at channel	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Paradise Dam	07/29/2008	Richard Willoughby

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Erosion Areas

Looking at minor tilting/settlement/erosion on the upstream & downstream side of the Dam



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable N : Not Inspected</p>
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Flood Control Project Maintenance

Unit Cover Sheet

2008 Structure Inspection Results

DWR Sacramento Maintenance Yard

Structure
Sacramento Weir

Date of Inspection	7/17/2008
DWR Inspector	John Williamson
Structure Rating	A

**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure		Inspection Date	Inspector
Sacramento Weir		07/17/2008	John Williamson

RptLine	Category	Item	Location *	Rating **	Comment	GPS	Photo	Issue
1	Structures & Concrete Lined Channels	Vegetation & Obstructions		A	There is no vegetation and no debris in the spilling basin		° °	1
2	Structures & Concrete Lined Channels	Manual Operations		A	needle boards, batting and hinges aare in good condition. Metal stop logs cables and clamps are in good condition. Sacramento Maintenance Yard does an annual inspections and repair before flood season. Tripping mechanism are locked and working.		° °	2
3	Structures & Concrete Lined Channels	Concrete Surfaces		A	concrete weir,stilling basin and bulkheads are in good condition minor spalling and scaling monitor and repair as necessary.		° °	Y 3

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable N : Not Inspected</p>
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**Flood Control Project Maintenance
Inspection Report - Structure 2008**

DWR Sacramento Maintenance Yard

Structure	Inspection Date	Inspector
Sacramento Weir	07/17/2008	John Williamson

Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of weir and stilling basin downstream side north end GPS 38.60718 -121.56005 center point GPS 38.60466 -121.55733	



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
View of weir and stilling basin south end GPS 38.60281 -121.55577	



Report Line	3
Location	
Category	Structures & Concrete Lined Channels
Item	Concrete Surfaces
southend looking north upstream side of weir	



<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>	<p>C : Corrected</p>
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