

**Flood Control Project Maintenance**  
**2009 Structure Summary Report**  
**Overall Unit and Item Ratings**

## San Joaquin County Flood Control and Water Conservation District

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### Duck Creek Diversion Weir And Control Structure

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Sluice/Slide Gates	A
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A

### Mormon Slough Pumping Plant No. 1

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Pumps	A
	Power	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Sluice / Slide Gates	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

**Flood Control Project Maintenance**  
**2009 Structure Summary Report**  
**Overall Unit and Item Ratings**

**San Joaquin County Flood Control and Water Conservation District (cont.)**

**Mormon Slough Pumping Plant No. 2**

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

**Mormon Slough Pumping Plant No. 3**

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

**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2009 Structure Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Structure
Duck Creek Diversion Weir And Control Structure

Structure Rating	<b>A</b>
Date of Inspection	7/28/2009
DWR Inspector	David Pesavento
Accompanied By	Jay Jauregui SJCDFC&WCD
	Jim Caruso SJCDFC&WCD

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/29/2009 07/29/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Photo Documentation				°	°	Y	1
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal grasses located near the weir do not pose a significant impact of the capacity of the structure.	°	°		2
3	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		3
4	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		4
5	0.00	0.00	Structures	Revetments		A		°	°		5
6	0.00	0.00	Structures	Encroachments		A		°	°		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		A		°	°		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A		°	°		8
9	0.00	0.00	Structures	Metal Pipes		A		°	°		9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This structure does not have trash racks.	°	°		10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: This structure does not have any flap gates.	°	°		11
12	0.00	0.00	Structures	Sluice/Slide Gates		A		°	°		12
13	0.00	0.00	Structures	Electric Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: The gate on the flow control for Duck Creek appears to be operational.	°	°		14
15	0.00	0.00	Structures	Concrete Surfaces		A		°	°		15

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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/29/2009 07/29/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		16
17	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: No evidence of issues with the concrete foundations was seen during the inspection.	°	°		17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This structure does have security fencing.	°	°		18
19	0.00	0.00	Structures	Closure Structures		N		°	°		19
20	0.00	0.00	Structures	Trash Rakes		N		°	°		20
21	0.00	0.00	Structures	Other Metallic Items		A		°	°		21
22	0.00	0.00	Structures	Monolith Joints		A		°	°		22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: There do not appear to be any significant safety hazards to the general public or to personnel at this structure.	°	°		23

**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/29/2009 07/29/2009	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of weir from left bank looking slightly upstream.	
dpesaven_20090731_14.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of weir from left bank looking slightly downstream.	
dpesaven_20090731_15.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of USACE gauging station.	
dpesaven_20090731_16.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		07/29/2009 07/29/2009	David Pesavento

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of weir from USACE gauging station.	
dpesaven_20090731_17.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of Duck Creek flow control looking downstream.	
dpesaven_20090731_18.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of Duck Creek culverts looking upstream.	
dpesaven_20090731_19.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2009 Pumping Plant Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 1

Pumping Plant Rating	<b>A</b>
Date of Inspection	7/28/2009
DWR Inspector	David Pesavento
Accompanied By	Jay Jauregui SJFCF&WCD
	Jim Caruso SJFCF&WCD

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: District personnel carry cell phones.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A		°	°		4
5	0.00	0.00	Pump Stations	Safety		A		°	°		5
6	0.00	0.00	Pump Stations	Cranes		N		°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps have adequate oil levels and appear to be well maintained.	°	°	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	°	°	Y	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		N		°	°		9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection.	°	°	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		°	°	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A		°	°		12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		°	°	Y	14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N		°	°		15

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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
16	0.00	0.00	Pump Stations	Manual Gate Operators		A		°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A		°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: No breaks in the fencing at the plant were observed during the inspection.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		°	°	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		°	°		22

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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the north-west corner of the plant building.

dpesaven\_20090731\_51.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the south-east corner of the plant building.

dpesaven\_20090731\_52.jpg



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps

View of the pumps at this station.

dpesaven\_20090731\_48.jpg



**\* 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

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	8
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Power
View of the transformer supplying power to the station.	
dpesaven_20090731_47.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the pump control & power panels.	
dpesaven_20090731_49.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the sump, the two intake pipes and the low flow channel.	
dpesaven_20090731_50.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the screw gate for the low flow channel.	
dpesaven_20090731_44.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of the screw gate operator for the low flow channel.	
dpesaven_20090731_43.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the two pressurized pipe and low flow channel outfall & flap gates.	
dpesaven_20090731_45.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes
View of siphon breakers at crown of levee.	
dpesaven_20090731_46.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2009 Pumping Plant Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 2

Pumping Plant Rating	<b>A</b>
Date of Inspection	7/28/2009
DWR Inspector	David Pesavento
Accompanied By	Jim Caruso SJFCF&WCD
	Jay Jauregui SJFCF&WCD

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Minor erosion noted at the south-east portion of the sidewalk in front of the plant.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: District personnel carry cell phones.	°	°		4
5	0.00	0.00	Pump Stations	Safety		A		°	°	Y	5
6	0.00	0.00	Pump Stations	Cranes		N		°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps have adequate oil levels and appear to be well maintained.	°	°	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	°	°	Y	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A		°	°	Y	9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection.	°	°	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		°	°	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A		°	°	Y	12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		°	°		14

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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
15	0.00	0.00	Pump Stations	Electric Gate Operators		N		°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A		°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A		°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: No breaks in the fencing at the plant were observed during the inspection.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		°	°	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		°	°		22

<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the south-east corner of the pump plant building.	
dpesaven_20090731_39.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the north-west corner of the plant building.	
dpesaven_20090731_40.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
Minor erosion occurring under the sidewalk in front of the plant building. Repairs should be made to prevent damage to the sidewalk.	
dpesaven_20090731_41.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety
View of the plant's steps leading from the crown of the levee to the plant.	
dpesaven_20090731_42.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps
View of the pumps located at this plant.	
dpesaven_20090731_36.jpg	



Levee Mile Report Line	8
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Power
View of the power pole and transformer supplying power to the pump station.	
dpesaven_20090731_33.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	9
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Motors, Engines, Fans & Gear Reducers
Exhaust fan in ceiling of plant. The circuit breaker was off for the fan, it was left off.	
dpesaven_20090731_35.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the control and power panels for the pump plant.	
dpesaven_20090731_34.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the sump, one of the intake pipes and the low flow channel.	
dpesaven_20090731_38.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
View of the trash rack at this plant.	
dpesaven_20090731_37.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of the screw gate operator for the low flow channel.	
dpesaven_20090731_30.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the low flow and pressurized pipe outfalls & flap gates.	
dpesaven_20090731_31.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes
View of the siphon breakers at the crown of the levee.	
dpesaven_20090731_32.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance**

**Unit Cover Sheet**

**2009 Pumping Plant Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 3

Pumping Plant Rating	<b>A</b>
Date of Inspection	7/28/2009
DWR Inspector	David Pesavento
Accompanied By	Jay Jauregui SJFC&WCD
	Jim Caruso SJFC&WCD

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant			Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3				07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: Copies located in the office. Recommend that a copy is kept at the plant.	°	°		2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Minor graffiti present, but the building appears to be well maintained and sound.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: District personnel carry cell phones.	°	°		4
5	0.00	0.00	Pump Stations	Safety		A		°	°	Y	5
6	0.00	0.00	Pump Stations	Cranes		N		°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pumps have adequate oil levels and appear to be well maintained.	°	°	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	°	°		8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A		°	°		9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The control systems appear to be adequately maintained.	°	°	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		°	°	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A		°	°		12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		°	°	Y	14

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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/30/2009 07/30/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
15	0.00	0.00	Pump Stations	Electric Gate Operators		N		°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A		°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A		°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: No breaks in the fencing at the plant were observed during the inspection.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		°	°	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		°	°		22

<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>PO : Partially Obstructing                  CO : Completely Obstructing                  N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the south-east corner of the plant building.

dpesaven\_20090731\_23.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the north-west corner of the plant building.

dpesaven\_20090731\_24.jpg



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety

View of steps from the crown of the levee to the pump plant.

dpesaven\_20090731\_26.jpg



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps
View of the pumps located at this station.	
dpesaven_20090731_20.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the power and control panels.	
dpesaven_20090731_21.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the sump and pump intakes. The low flow channel can be seen on the left.	
dpesaven_20090731_22.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates
View of the slide gate for the low flow channel.	
dpesaven_20090731_28.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of the screw gate operator for the slide gate.	
dpesaven_20090731_27.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of flag gates for the low flow and pressurized pipe outfalls.	
dpesaven_20090731_29.jpg	



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

**Levee Inspection Report By Mile - Structure 2009**

**San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		07/30/2009 07/30/2009	David Pesavento

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes
View of the siphon breakers at the crown of the levee.	
dpesaven_20090731_25.jpg	



<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>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected</p>
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