

Flood Control Project Maintenance
2010 Structure Summary Report
Overall Unit and Item Ratings

San Joaquin County Flood Control and Water Conservation District

Duck Creek Diversion Weir And Control Structure

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

Mormon Slough Pumping Plant No. 1

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

Flood Control Project Maintenance
2010 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
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

Mormon Slough Pumping Plant No. 3

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

Flood Control Project Maintenance**Unit Cover Sheet****2010 Structure Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Structure
Duck Creek Diversion Weir And Control Structure

Structure Rating	A
Date of Inspection	8/24/2010
DWR Inspector	David Pesavento
Accompanied By	Jim Caruso SJCF&WCD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		08/24/2010 08/24/2010	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				37.937660 ° -120.990230 °	37.937660 ° -120.990230 °	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.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		2
3	0.00	0.00	Structures	Shoaling / Sedimentation		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		3
4	0.00	0.00	Structures	Erosion / Bank Caving		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		4
5	0.00	0.00	Structures	Revetments		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		5
6	0.00	0.00	Structures	Encroachments		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		8
9	0.00	0.00	Structures	Metal Pipes		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This structure does not have trash racks.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: This structure does not have any flap gates.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		11
12	0.00	0.00	Structures	Sluice/Slide Gates		A	Inspector Comments: Did not attempt to operate during the inspection, but appeared adequately maintained. Recommend the gate be lubricated and operated.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		12
13	0.00	0.00	Structures	Electric Gate Operators		N		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		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.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		14
15	0.00	0.00	Structures	Concrete Surfaces		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		15

* 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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		08/24/2010 08/24/2010	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		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		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.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This structure does have security fencing.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		18
19	0.00	0.00	Structures	Closure Structures		N		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		19
20	0.00	0.00	Structures	Trash Rakes		N		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		20
21	0.00	0.00	Structures	Other Metallic Items		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		21
22	0.00	0.00	Structures	Monolith Joints		A		37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		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.	37.937660 ° -120.990230 °	37.937660 ° -120.990230 °		23

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

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		08/24/2010 08/24/2010	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 the weir from the left bank.	
dpesaven_t_20100824_108.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the weir and structure from the left bank looking downstream toward the Duck Creek Diversion Channel.	
dpesaven_t_20100824_109.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the upstream side of the flow control structure and culverts looking downstream toward the Duck Creek.	
dpesaven_t_20100824_110.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/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		08/24/2010 08/24/2010	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 the USACE gauging station and right bank of the structure.	
dpesaven_t_20100824_111.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the wier from the right bank.	
dpesaven_t_20100824_112.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the sluice gate inside the riser at flow control structure.	
dpesaven_t_20100824_113.jpg	



<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/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Duck Creek Diversion Weir And Control Structure		08/24/2010 08/24/2010	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 the downstream side of the flow control structure at the culvert outlets.	
dpesaven_t_20100824_114.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
View of the downstream side of the flow control structure at the culverts.	
dpesaven_t_20100824_115.jpg	



<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/Rated</p>
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Flood Control Project Maintenance**Unit Cover Sheet****2010 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	
Mormon Slough Pumping Plant No. 1	

Pumping Plant Rating	A
Date of Inspection	8/25/2010
DWR Inspector	David Pesavento
Accompanied By	Jim Caruso SJCF&WCD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		08/25/2010 08/25/2010	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.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		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.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		2
3			Pump Stations	Plant Building		A	Inspector Comments: Minor graffiti present, but the building appears to be well maintained and sound.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: District personnel carry cell phones.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		4
5	0.00	0.00	Pump Stations	Safety		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		5
6	0.00	0.00	Pump Stations	Cranes		N		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		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.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		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.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	14

* 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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		08/25/2010 08/25/2010	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		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		17
18	0.00	0.00	Pump Stations	Flap Gates		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		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.	37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		37.989633 ° -121.266933 °	37.989633 ° -121.266933 °		22

* 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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		08/25/2010 08/25/2010	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the station from the detention basin.	
dpesaven_t_20100906_157.jpg	



Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the station from the south-west.	
dpesaven_t_20100906_158.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.	
dpesaven_t_20100906_163.jpg	



<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/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		08/25/2010 08/25/2010	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 providing power to the station.	
dpesaven_t_20100906_162.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 and power cabinets.	
dpesaven_t_20100906_164.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 under the station.	
dpesaven_t_20100906_165.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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 1		08/25/2010 08/25/2010	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 sluice gate.	
dpesaven_t_20100906_159.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 flap gates.	
dpesaven_t_20100906_160.jpg	



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 risers for the breakers.	
dpesaven_t_20100906_161.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/Rated
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Flood Control Project Maintenance**Unit Cover Sheet****2010 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant
Mormon Slough Pumping Plant No. 2

Pumping Plant Rating	A
Date of Inspection	8/25/2010
DWR Inspector	David Pesavento
Accompanied By	Jim Caruso SJCF&WCD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	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.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		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.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		2
3			Pump Stations	Plant Building		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: District personnel carry cell phones.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		4
5	0.00	0.00	Pump Stations	Safety		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		5
6	0.00	0.00	Pump Stations	Cranes		N		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		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.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		15

* 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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	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		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		17
18	0.00	0.00	Pump Stations	Flap Gates		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		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.	37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		37.982317 ° -121.249433 °	37.982317 ° -121.249433 °		22

* 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/Rated
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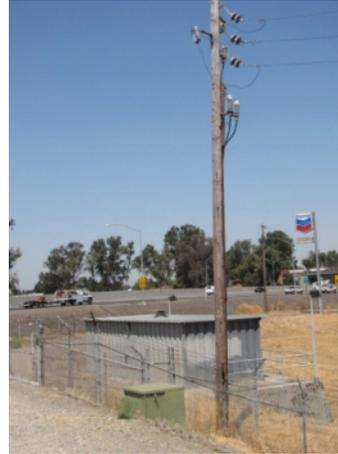
**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the building from the crown of the levee to the north-east.	
dpesaven_t_20100906_145.jpg	



Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the trash rack and building from the detention basin.	
dpesaven_t_20100906_146.jpg	



Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the building from the south-west.	
dpesaven_t_20100906_147.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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the building from the north-east.	
dpesaven_t_20100906_148.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.	
dpesaven_t_20100906_152.jpg	



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
View of the ventilation fan in the ceiling.	
dpesaven_t_20100906_154.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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	David Pesavento

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 cabinets.

dpesaven_t_20100906_153.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 under the station.

dpesaven_t_20100906_155.jpg



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well

Additional view of the sump under the station.

dpesaven_t_20100906_156.jpg



<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/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 2		08/25/2010 08/25/2010	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 sluice gate.	
dpesaven_t_20100906_149.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 flap gates.	
dpesaven_t_20100906_150.jpg	



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 risers for the vacuum breakers.	
dpesaven_t_20100906_151.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/Rated
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Flood Control Project Maintenance**Unit Cover Sheet****2010 Pumping Plant Inspection Results****San Joaquin County Flood Control and Water Conservation District**

Pumping Plant	
Mormon Slough Pumping Plant No. 3	

Pumping Plant Rating	A
Date of Inspection	8/25/2010
DWR Inspector	David Pesavento
Accompanied By	Jim Caruso SJCF&WCD

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	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.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		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.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		2
3			Pump Stations	Plant Building		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: District personnel carry cell phones.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		4
5	0.00	0.00	Pump Stations	Safety		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		5
6	0.00	0.00	Pump Stations	Cranes		N		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		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.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		N		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		11
12	0.00	0.00	Pump Stations	Trash Racks		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: The trash racks at this plant are manually cleared.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		15

* 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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	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		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		17
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gate was submerged and unable to be inspected.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		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.	37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		37.973983 ° -121.229967 °	37.973983 ° -121.229967 °		22

<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/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the station from the crown of the levee to the south-west of the station.	
dpesaven_t_20100906_136.jpg	



Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the station from the west.	
dpesaven_t_20100906_137.jpg	



Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
View of the station from the north-east.	
dpesaven_t_20100906_138.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/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	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.	
dpesaven_t_20100906_144.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 supply and transformer supplying power to the station.	
dpesaven_t_20100906_135.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 pump control cabinets.	
dpesaven_t_20100906_142.jpg	



<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/Rated</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	David Pesavento

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 level sensing equipment.	
dpesaven_t_20100906_143.jpg	



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 sluice gate.	
dpesaven_t_20100906_139.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 headwall where the flap gates are located. Vegetation and water obstructed the view of the flap gates.	
dpesaven_t_20100906_140.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/Rated
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

San Joaquin County Flood Control and Water Conservation District

Structure	Structure Length	Inspection Start/End	Inspector
Mormon Slough Pumping Plant No. 3		08/25/2010 08/25/2010	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 risers for the vacuum breakers.	
dpesaven_t_20100906_141.jpg	



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