

Flood Control Project Maintenance

2011 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 | M |
| | 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 | N |
| | Closure Structures | N |
| | Security Fencing | A |
| | Intake and Discharge Pipes | A |
| | Pressurized Pipe | A |

Flood Control Project Maintenance
2011 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 | 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 |
|---------------------|---------------------------------------|-------------|
| 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**Unit Cover Sheet****2011 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 | 7/22/2011 |
| DWR Inspector | Pavel Kazi |
| Accompanied By | Jim Caruso SJCF&WCD |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | | | | | | Structure Length | Inspection Start/End | Inspector |
|---|--|--|--|--|--|------------------|--------------------------|---------------|
| Duck Creek Diversion Weir And Control Structure | | | | | | | 07/22/2011 07/22/2011 | Pavel Kazi |

| LNI/R No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. |
|-----------|------------|------|------------|-----------------------------------|----------|--------|--|------------------------------|------------------------------|-----------|
| | Start | End | | | | | | Start | End | Photo |
| 1 | 0.00 | 0.00 | Structures | Vegetation & Obstructions | | A | Inspector Comments: There were minimal vegetation around the structure. The flow was not impeded. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 2 Y |
| 2 | 0.00 | 0.00 | Structures | Shoaling / Sedimentation | | A | Inspector Comments: No shoaling or sediment was present. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 3 |
| 3 | 0.00 | 0.00 | Structures | Erosion / Bank Caving | | A | Inspector Comments: No erosion or bank caving was observed on the side of the levee. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 4 |
| 4 | 0.00 | 0.00 | Structures | Revetments | | A | Inspector Comments: Existing riprap protection was properly maintained. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 5 Y |
| 5 | 0.00 | 0.00 | Structures | Encroachments | | A | Inspector Comments: No trash or debris was found around the structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 6 |
| 6 | 0.00 | 0.00 | Structures | Culverts: Inlets / Outlets | | A | Inspector Comments: Little debris was found around the culvert's inlet, but it didn't restrict the flow through the culvert. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 7 Y |
| 7 | 0.00 | 0.00 | Structures | Culverts: Breaks / Holes / Cracks | | A | Inspector Comments: No visible cracks or holes were found that would result in significant water leakage in the culvert. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 8 |
| 8 | 0.00 | 0.00 | Structures | Metal Pipes | | A | Inspector Comments: The corrugated pipes inside the culvert appeared to be in good condition. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 9 |
| 9 | 0.00 | 0.00 | Structures | Trash Racks | | N | Inspector Comments: This item does not apply to this inspection. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 10 |
| 10 | 0.00 | 0.00 | Structures | Flap Gates | | N | Inspector Comments: No flap gates were present at this structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 11 |
| 11 | 0.00 | 0.00 | Structures | Sluice/Slide Gates | | M | Inspector Comments: The gates appeared to be in good working condition with minor debris inside the gate structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 12 Y |
| 12 | 0.00 | 0.00 | Structures | Electric Gate Operators | | N | Inspector Comments: No electric gate operator was found at this structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 13 |
| 13 | 0.00 | 0.00 | Structures | Manual Gate Operators | | A | Inspector Comments: The manual gate appeared to be operational. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 14 Y |

*** 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, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|------------|
| Duck Creek Diversion Weir And Control Structure | | 07/22/2011 07/22/2011 | Pavel Kazi |

| LNI/R No. | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|-----------|------------|------|------------|-------------------------------|------------|-----------|--|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 14 | 0.00 | 0.00 | Structures | Concrete Surfaces | | A | Inspector Comments: The concrete surfaces had minor cracking and the surface was weathered but they didn't pose any threats to the integrity of the structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 15 Y |
| 15 | 0.00 | 0.00 | Structures | Concrete Tilting / Settlement | | A | Inspector Comments: No visible sliding or settlement was found on the structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 16 |
| 16 | 0.00 | 0.00 | Structures | Concrete Foundations | | A | Inspector Comments: No souring or erosion was found near the structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 17 |
| 17 | 0.00 | 0.00 | Structures | Security Fencing | | N | Inspector Comments: No security fence was found in this structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 18 |
| 18 | 0.00 | 0.00 | Structures | Closure Structures | | N | Inspector Comments: This item does not apply to this inspection. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 19 |
| 19 | 0.00 | 0.00 | Structures | Trash Rakes | | N | Inspector Comments: Trash rakes don't exist on this structure. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 20 |
| 20 | 0.00 | 0.00 | Structures | Other Metallic Items | | A | Inspector Comments: All metal parts appeared to be in good condition. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 21 |
| 21 | 0.00 | 0.00 | Structures | Monolith Joints | | A | Inspector Comments: All the monolith joint materials appeared to be in good condition. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 22 |
| 22 | 0.00 | 0.00 | Structures | Safety | | A | Inspector Comments: The wood railing top of the culvert appeared to provide adequate protection against fall hazards. | 37.938383 ° -120.990133 ° | 37.938383 ° -120.990133 ° | 23 Y |

| | |
|--|--|
| * 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, see Inspector Comment C : Corrected |
|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|------------|
| Duck Creek Diversion Weir And Control Structure | | 07/22/2011 07/22/2011 | Pavel Kazi |

| | |
|------------------------|---------------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Vegetation & Obstructions |

View of the weir.

pkazi_t_20110808_053.jpg



| | |
|------------------------|------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Revetments |

View of the revetments upstream.

pkazi_t_20110808_054.jpg



| | |
|------------------------|------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Revetments |

View of the revetments downstream.

pkazi_t_20110808_055.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|------------|
| Duck Creek Diversion Weir And Control Structure | | 07/22/2011 07/22/2011 | Pavel Kazi |

| | |
|----------------------------|----------------------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Culverts: Inlets / Outlets |
| View of the culvert inlet. | |
| pkazi_t_20110808_056.jpg | |



| | |
|-----------------------------|----------------------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Culverts: Inlets / Outlets |
| View of the culvert outlet. | |
| pkazi_t_20110808_057.jpg | |



| | |
|---|--------------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Sluice/Slide Gates |
| View of the debris inside the slide gate. | |
| pkazi_t_20110808_058.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|------------|
| Duck Creek Diversion Weir And Control Structure | | 07/22/2011 07/22/2011 | Pavel Kazi |

| | |
|--------------------------|-----------------------|
| Levee Mile Report Line | 13 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Manual Gate Operators |
| View of the manual gate. | |
| pkazi_t_20110809_059.jpg | |



| | |
|--------------------------|-------------------|
| Levee Mile Report Line | 14 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Concrete Surfaces |
| View of the weir. | |
| pkazi_t_20110809_060.jpg | |



| | |
|---|------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Structures |
| Item | Safety |
| view of the railing top of the culvert. | |
| pkazi_t_20110809_061.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

Flood Control Project Maintenance**Unit Cover Sheet****2011 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 | 7/21/2011 |
| DWR Inspector | Pavel Kazi |
| Accompanied By | Jim Caruso SJFCF&WCD |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LMR No. | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|---------|------------|------|---------------|---------------------------------------|------------|-----------|---|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 1 | 0.00 | 0.00 | Pump Stations | Operating Log | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operating log was maintained and present at the pumping plant. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 1 Y |
| 2 | 0.00 | 0.00 | Pump Stations | Operation & Maintenance Manual | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was missing at the plant, but it was available at the district office. It is recommended to put a copy at the pumping plant. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 2 |
| 3 | 0.00 | 0.00 | Pump Stations | Plant Building | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition but there were lot of graffiti markings around the building. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 3 Y |
| 4 | 0.00 | 0.00 | Pump Stations | Communications | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: District personnel carry cell phones for communication. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 4 |
| 5 | 0.00 | 0.00 | Pump Stations | Safety | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There were no safety hazards found around the structure and the guard rails around the structure were in good condition. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 5 Y |
| 6 | 0.00 | 0.00 | Pump Stations | Cranes | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane was present at this plant. | 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: All pumps were appeared to be in working condition and they were maintained, lubricated and tested periodically. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 7 Y |
| 8 | 0.00 | 0.00 | Pump Stations | Power | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 8 |
| 9 | 0.00 | 0.00 | Pump Stations | Motors, Engines, Fans & Gear Reducers | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 10 |
| 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 pump control systems were maintained properly and it appeared to be free of damage. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 11 Y |

| | |
|--|--|
| * 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, see Inspector Comment C : Corrected |
|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|---------|------------|------|---------------|----------------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 11 | 0.00 | 0.00 | Pump Stations | Sumps/Wet Well | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well was completely dry and very little debris was present during inspection. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 12 |
| 12 | 0.00 | 0.00 | Pump Stations | Trash Racks | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and clear of debris. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 13 Y |
| 13 | 0.00 | 0.00 | Pump Stations | Trash Rakes | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes don't exist at this plant. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 14 |
| 14 | 0.00 | 0.00 | Pump Stations | Sluice / Slide Gates | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be in good condition. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 15 Y |
| 15 | 0.00 | 0.00 | Pump Stations | Electric Gate Operators | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The Item does not apply to the pumping plant. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 16 |
| 16 | 0.00 | 0.00 | Pump Stations | Manual Gate Operators | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator was in good operational condition. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 17 |
| 17 | 0.00 | 0.00 | Pump Stations | Other Metallic Items | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All metal parts appeared to be in good condition. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 18 |
| 18 | 0.00 | 0.00 | Pump Stations | Flap Gates | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The flap gates weren't visible during inspection due to excessive vegetation. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 19 |
| 19 | 0.00 | 0.00 | Pump Stations | Closure Structures | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No closure structure was present at this plant. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 20 |
| 20 | 0.00 | 0.00 | Pump Stations | Security Fencing | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing appeared to be in good condition without any visual damage. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 21 |
| 21 | 0.00 | 0.00 | Pump Stations | Intake and Discharge Pipes | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes appeared to be in good working condition. | 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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | | | | | | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|--|--|--|--|--|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | | | | | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LM/R No. | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|------------------|------------|-----------|--|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 22 | 0.00 | 0.00 | Pump Stations | Pressurized Pipe | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes appeared to have no evidence of leakage. | 37.989633 ° -121.266933 ° | 37.989633 ° -121.266933 ° | 23 |

| | | | |
|---|---|--|----------------------|
| <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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Operating Log |

View of the operation log in the plant.

pkazi_t_20110810_080.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 pumping plant.

pkazi_t_20110810_081.jpg



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

View of the guard rails around the plant.

pkazi_t_20110810_087.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| 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 in the plant.

pkazi_t_20110810_082.jpg



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

View of a pump.

pkazi_t_20110810_083.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 control systems inside the plant.

pkazi_t_20110810_084.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 1 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| 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 racks.

pkazi_t_20110810_085.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 slide gate next to the plant.

pkazi_t_20110810_086.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

Flood Control Project Maintenance**Unit Cover Sheet****2011 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 | 7/21/2011 |
| DWR Inspector | Pavel Kazi |
| Accompanied By | Jim Caruso SJFCF&WCD |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | | | | | | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|--|--|--|--|--|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 2 | | | | | | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LMR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. |
|---------|------------|------|---------------|---------------------------------------|----------|--|------------------------------|------------------------------|---------|-----------|
| | Start | End | | | | | | Start | End | Photo |
| 1 | 0.00 | 0.00 | Pump Stations | Operating Log | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Operational log was present at the pump station. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 1 Y | |
| 2 | 0.00 | 0.00 | Pump Stations | Operation & Maintenance Manual | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No O&M manual was found at the plant, but a copy was available at the office. A copy should be present at the pumping plant. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 2 | |
| 3 | 0.00 | 0.00 | Pump Stations | Plant Building | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building was in good structural condition without any major cracks in the concrete. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 3 Y | |
| 4 | 0.00 | 0.00 | Pump Stations | Communications | A | Item inspected visually only. Item was not operated during the inspection. 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 | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the structure. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 5 | |
| 6 | 0.00 | 0.00 | Pump Stations | Cranes | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No crane exists at this plant. | 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 appeared to be well maintained and lubricated properly and the pumping system was tested periodically. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 7 Y | |
| 8 | 0.00 | 0.00 | Pump Stations | Power | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 8 | |
| 9 | 0.00 | 0.00 | Pump Stations | Motors, Engines, Fans & Gear Reducers | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The vent fan was operational during the inspection. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 10 | |
| 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 pump control system was maintained to be free of corrosion or any damage. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 11 Y | |
| 11 | 0.00 | 0.00 | Pump Stations | Sumps/Wet Well | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The wet well appeared to be clear of excessive debris or sediments. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 12 Y | |

| | | | |
|---|---|--|----------------------|
| <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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 2 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LNI# No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. |
|----------|------------|------|---------------|----------------------------|----------|--------|---|------------------------------|------------------------------|-----------|
| | Start | End | | | | | | Start | End | Photo |
| 12 | 0.00 | 0.00 | Pump Stations | Trash Racks | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash racks were properly maintained and free of any debris. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 13 Y |
| 13 | 0.00 | 0.00 | Pump Stations | Trash Rakes | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rakes are not installed in this facility. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 14 |
| 14 | 0.00 | 0.00 | Pump Stations | Sluice / Slide Gates | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The slide gate appeared to be operational and free of debris. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 15 |
| 15 | 0.00 | 0.00 | Pump Stations | Electric Gate Operators | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: This item was not present at this location. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 16 |
| 16 | 0.00 | 0.00 | Pump Stations | Manual Gate Operators | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operator appeared to be in good condition. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 17 Y |
| 17 | 0.00 | 0.00 | Pump Stations | Other Metallic Items | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All the metal parts appeared to be in good condition. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 18 |
| 18 | 0.00 | 0.00 | Pump Stations | Flap Gates | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were in good condition and showed no damage. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 19 Y |
| 19 | 0.00 | 0.00 | Pump Stations | Closure Structures | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The closure structure appeared to be in good condition. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 20 |
| 20 | 0.00 | 0.00 | Pump Stations | Security Fencing | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was in good condition without any damage. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 21 |
| 21 | 0.00 | 0.00 | Pump Stations | Intake and Discharge Pipes | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes had no break, holes or cracks. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 22 |
| 22 | 0.00 | 0.00 | Pump Stations | Pressurized Pipe | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The pipes had no leakage. | 37.982317 ° -121.249433 ° | 37.982317 ° -121.249433 ° | 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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 2 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Operating Log |

View of the operation log.

pkazi_t_20110809_071.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 pumping plant.

pkazi_t_20110809_072.jpg



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

One of the pumps at the plant.

pkazi_t_20110809_073.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 2 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|--------------------------|---------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Pumps |
| The pumps at the plant. | |
| pkazi_t_20110809_074.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 control system. | |
| pkazi_t_20110809_075.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 wet well. | |
| pkazi_t_20110809_076.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 2 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|--------------------------|---------------|
| 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 racks. | |
| pkazi_t_20110809_077.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 manual gate. | |
| pkazi_t_20110809_078.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 on the waterside. | |
| pkazi_t_20110809_079.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

Flood Control Project Maintenance

Unit Cover Sheet

2011 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 | 7/21/2011 |
| DWR Inspector | Pavel Kazi |
| Accompanied By | Jim Caruso SJFCF&WCD |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 3 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LNI# No. | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|---------------------------------------|------------|-----------|---|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 1 | 0.00 | 0.00 | Pump Stations | Operating Log | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Maintenance log was present at the pumping plant. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 1 Y |
| 2 | 0.00 | 0.00 | Pump Stations | Operation & Maintenance Manual | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The O&M manual was not present at the pumping plant but a copy was present at the office. A copy of the manual should be present inside the plant building. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 2 |
| 3 | 0.00 | 0.00 | Pump Stations | Plant Building | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The plant building appeared to be in good structural condition. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 3 Y |
| 4 | 0.00 | 0.00 | Pump Stations | Communications | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The district personnel carry cell phones. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 4 |
| 5 | 0.00 | 0.00 | Pump Stations | Safety | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No safety hazard was found around the pumping plant and guard rails around the plant were in a good condition. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 5 Y |
| 6 | 0.00 | 0.00 | Pump Stations | Cranes | | N | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There are no cranes in this plant. | 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: All pumps were appeared to be in good condition and maintained properly. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 7 Y |
| 8 | 0.00 | 0.00 | Pump Stations | Power | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The power source appeared to be safe and reliable. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 8 |
| 9 | 0.00 | 0.00 | Pump Stations | Motors, Engines, Fans & Gear Reducers | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumping motors appeared to be operational and lubrication was maintained on all the pumps. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 10 |
| 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 pump control system appeared to be operational and free of damage. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 11 Y |

*** 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, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 3 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| LIR No. | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. |
|---------|------------|------|---------------|----------------------------|----------|--------|---|------------------------------|------------------------------|-----------|
| | Start | End | | | | | | Start | End | Photo |
| 11 | 0.00 | 0.00 | Pump Stations | Sumps/Wet Well | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Wet well was clear of any excessive debris. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 12 Y |
| 12 | 0.00 | 0.00 | Pump Stations | Trash Racks | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: The trash racks were free of any debris. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 13 Y |
| 13 | 0.00 | 0.00 | Pump Stations | Trash Rakes | | N | Item inspected visually only. Item was not operated during the inspection. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 14 |
| 14 | 0.00 | 0.00 | Pump Stations | Sluice / Slide Gates | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide gates appeared to be free of sediment and obstructions. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 15 Y |
| 15 | 0.00 | 0.00 | Pump Stations | Electric Gate Operators | | N | Item inspected visually only. Item was not operated during the inspection. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 16 |
| 16 | 0.00 | 0.00 | Pump Stations | Manual Gate Operators | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate appeared to be in good working condition. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 17 |
| 17 | 0.00 | 0.00 | Pump Stations | Other Metallic Items | | A | Item inspected visually only. Item was not operated during the inspection. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 18 |
| 18 | 0.00 | 0.00 | Pump Stations | Flap Gates | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates were appeared to be in good condition. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 19 |
| 19 | 0.00 | 0.00 | Pump Stations | Closure Structures | | N | Item inspected visually only. Item was not operated during the inspection. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 20 |
| 20 | 0.00 | 0.00 | Pump Stations | Security Fencing | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing was undamaged and prevented unauthorized access. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 21 |
| 21 | 0.00 | 0.00 | Pump Stations | Intake and Discharge Pipes | | A | Item inspected visually only. Item was not operated during the inspection. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 22 |
| 22 | 0.00 | 0.00 | Pump Stations | Pressurized Pipe | | A | Item inspected visually only. Item was not operated during the inspection. Inspector Comments: There were no sign of leakage or corrosion on the pipes. | 37.973983 ° -121.229967 ° | 37.973983 ° -121.229967 ° | 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, see Inspector Comment C : Corrected |
|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 3 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|---------------------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Operating Log |
| Maintenance log at the pumping plant. | |
| pkazi_t_20110809_062.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 pumping plant. | |
| pkazi_t_20110809_063.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Safety |
| View of the guard rails around the plant. | |
| pkazi_t_20110809_064.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 3 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|---|---------------|
| 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 inside the structure. | |
| pkazi_t_20110809_065.jpg | |



| | |
|--------------------------|---------------|
| Levee Mile Report Line | 7 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | |
| Category | Pump Stations |
| Item | Pumps |
| View of a pump. | |
| pkazi_t_20110809_066.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 control systems inside the plant. | |
| pkazi_t_20110809_067.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, see Inspector Comment | C : Corrected |
|--|--|---|---------------|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

San Joaquin County Flood Control and Water Conservation District

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------------|------------------|--------------------------|------------|
| Mormon Slough Pumping Plant No. 3 | | 07/21/2011 07/21/2011 | Pavel Kazi |

| | |
|------------------------|----------------|
| 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 wet well.

pkazi_t_20110809_068.jpg



| | |
|------------------------|---------------|
| 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 racks.

pkazi_t_20110809_069.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 slide gate.

pkazi_t_20110809_070.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, see Inspector Comment</p> | <p>C : Corrected</p> |
|---|---|--|----------------------|