

Flood Control Project Maintenance
2016 Structure Summary Report
Overall Unit and Item Ratings

Madera County FCWCA

Ash And Berenda Slough Control Structures

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

Flood Control Project Maintenance
2016 Structure Summary Report
Overall Unit and Item Ratings

Madera County FCWCA (cont.)

Fresno River Diversion Weir

| Overall Unit Rating | Rated Item | Item Rating |
|---------------------|-----------------------------------|-------------|
| A | Vegetation & Obstructions | M |
| | Shoaling / Sedimentation | A |
| | Erosion / Bank Caving | A |
| | Revetments | N |
| | Encroachments | A |
| | Culverts: Inlets / Outlets | N |
| | Culverts: Breaks / Holes / Cracks | N |
| | Metal Pipes | N |
| | Trash Racks | N |
| | Flap Gates | N |
| | Sluice/Slide Gates | 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 | N |
| | Monolith Joints | A |
| | Safety | A |
| | Operation & Maintenance Manual | A |

Flood Control Project Maintenance
Unit Cover Sheet
2016 Structure Inspection Results

Madera County FCWCA

| |
|---|
| Structure |
| Ash And Berenda Slough Control Structures |

| | |
|--------------------|-------------------------------|
| Structure Rating | A |
| Date of Inspection | 8/8/2016 |
| DWR Inspector | Herman Phillips |
| Accompanied By | Dario Dominguez Madera Co. |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | -- | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Photo Documentation | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Photos capture both the Berenda Slough and the Ash Slough. | | | | | |

Photo 1 of 10 : ST_2016_NA0011_46_1_20160808_00001.jpg



Looking upstream from the Berenda Slough structure.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 2 of 10 : ST_2016_NA0011_46_1_20160808_00002.jpg



Looking at the downstream side of Berenda Slough Control Structure.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 3 of 10 : ST_2016_NA0011_46_1_20160808_00004.jpg



Looking at the platform across the top of the Berenda Slough Control Structure.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Photo Documentation | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Photos capture both the Berenda Slough and the Ash Slough. | | | | | |

Photo 4 of 10 : ST_2016_NA0011_46_1_20160808_00005.jpg



Looking at Berenda Slough from the outlet downstream side of structure.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 5 of 10 : ST_2016_NA0011_46_1_20160808_00006.jpg



Looking at the walkway crossing the top of Berenda slough control structure. The wood is in good shape.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 6 of 10 : ST_2016_NA0011_46_1_20160808_00007.jpg



Another view of the walk way and safety railing crossing the Berenda slough control structure

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Photo Documentation | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Photos capture both the Berenda Slough and the Ash Slough. | | | | | |

Photo 7 of 10 : ST_2016_NA0011_46_1_20160808_00008.jpg



Looking at the crossing of the Ash Slough Structure.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

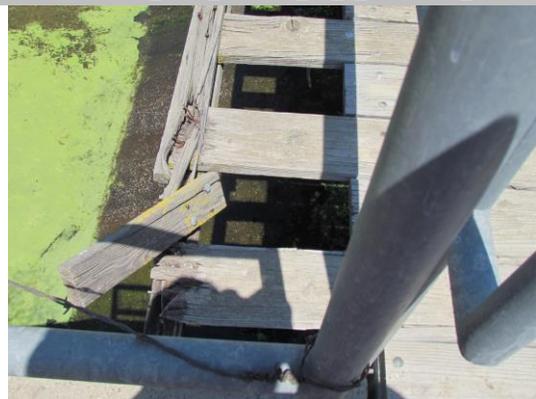
Photo 8 of 10 : ST_2016_NA0011_46_1_20160808_00009.jpg



Looking at the upstream side of the Ash Slough, flash boards in place and view of the pedestrian crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 9 of 10 : ST_2016_NA0011_46_1_20160808_00010.jpg



Replace boards in the walkway of Ash slough crossing left bank side downstream side.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Photo Documentation | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_1 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Photos capture both the Berenda Slough and the Ash Slough. | | | | | |

Photo 10 of 10 : ST_2016_NA0011_46_1_20160808_00011.jpg



Missing board on the walkway.

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation & Obstructions | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Channel clear of vegetation. | | | | | |

Photo 1 of 1 : ST_2016_NA0011_46_2_20160822_00012.jpg



Looking upstream of structure, there is no vegetation present that would impede the flow coming downstream.

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Shoaling / Sedimentation | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No sedimentation present at the upstream or downstream side of the structures. | | | | | |

No Photos

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

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

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Erosion / Bank Caving | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No erosion or bank caving present during this inspection. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Revetments | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No Revetments at location. | | | | | |

No Photos

| | | | | | |
|-----------------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_6 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: . | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Culverts: Inlets / Outlets | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_7 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No Culvert at this Structure. | | | | | |

No Photos

| | | | | | |
|--------------------------------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Culverts: Breaks / Holes / Cracks | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_8 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No Culvert here. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Metal Pipes | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_9 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No metal pipes at this structure. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trash Racks | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No trash rack at this structure. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flap Gates | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No flap Gates on this structure. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Sluice/Slide Gates | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_12 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No sluice/slide gates at this structure. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Electric Gate Operators | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No electric gate operators exist on this structure. The gates are opened and closed manually by the placement of wooden boards placed in guides along the face of the structure. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Manual Gate Operators | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_14 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Surfaces | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Concrete surfaces have no sign of sacaling or cracking. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Tilting / Settlement | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No tilting or settlement issues at this location noted during this inspection. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Foundations | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_17 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Security Fencing | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_18 | | | | |
| Action/Comments | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Closure Structures | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_19 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trash Rakes | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no trash rakes at this structure. | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Other Metallic Items | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_21 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Monolith Joints | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_22 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 23 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Safety | | 37.158217 ° | 37.158217 ° | |
| | | | -120.124437 ° | -120.124437 ° | |
| DWR ID | DWR_NA0011_46_t_2016_23 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no safety hazards present at the Berenda Slough Structure. The Ash Slough Structure has minor safety hazards present. Missing boards, boards that could be replaced, and boards that have failed which were reported in my last report. | | | | | |

Photo 1 of 3 : ST_2016_NA0011_46_23_20160822_00016.jpg



The photo shown here is the Ash Slough Structure, missing boards.

Photo 2 of 3 : ST_2016_NA0011_46_23_20160822_00017.jpg



This photo of the same crossing shows broken boards.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 23 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|---|------------------|--------------------------|-----------------|
| Ash And Berenda Slough Control Structures | | 08/08/2016 08/08/2016 | Herman Phillips |

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|------------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 23 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Safety | | | 37.158217 ° | 37.158217 ° |
| | | | | -120.124437 ° | -120.124437 ° |
| DWR ID | DWR_NA0011_46_t_2016_23 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no safety hazards present at the Berenda Slough Structure. The Ash Slough Structure has minor safety hazards present. Missing boboards, boards that could be replaced, and boards that have failed which were reported in my last report. | | | | | |

Photo 3 of 3 : ST_2016_NA0011_46_23_20160822_00018.jpg



This photo shows rotten boards that should be replaced. Ash Slough Control Structure.

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operation & Maintenance Manual | | | 37.158217 ° | 37.158217 ° |
| | | | | -120.124437 ° | -120.124437 ° |
| DWR ID | DWR_NA0011_46_t_2016_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: O+M manual maintained at LMA office. | | | | | |

No Photos

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

Flood Control Project Maintenance
Unit Cover Sheet
2016 Structure Inspection Results

Madera County FCWCA

| |
|-----------------------------|
| Structure |
| Fresno River Diversion Weir |

| | |
|--------------------|-----------------|
| Structure Rating | A |
| Date of Inspection | 8/2/2016 |
| DWR Inspector | Herman Phillips |
| Accompanied By | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 |
| LM End | 0.00 | Issue Type + | -- | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Photo Documentation | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_1 | | | | |
| Action/Comments | | | | | |
| | | | | | |

Photo 1 of 2 : ST_2016_NA0011_6_1_20160821_00001.jpg



Standing upstream of weir looking back across channel.

| | | | | | |
|----------|-------------|--------------|----|------------|-----------------|
| LM Start | 0.00 | Rating ** | | Issue No. | 1 (cont) |
| LM End | 0.00 | Issue Type + | -- | Location * | |

Photo 2 of 2 : ST_2016_NA0011_6_1_20160821_00002.jpg



View from upstream of structure standing on Unit 5 looking back across to Unit 6.

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 2 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Vegetation & Obstructions | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Clear vegetation growth from upstream side of structure. Wild growth of trees present on the downstream side of structure looking back upstream. | | | | | |

Photo 1 of 2 : ST_2016_NA0011_6_2_20160901_00008.jpg



Trees on downstream side of structure may impede flow and should be removed.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|-----------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 2 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation & Obstructions | | | 36.968221 ° | 36.968221 ° |
| | | | | -120.255523 ° | -120.255523 ° |
| DWR ID | DWR_NA0011_6_t_2016_2 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: Clear vegetation growth from upstream side of structure. Wild growth of trees present on the downstream side of structure looking back upstream. | | | | | |

Photo 2 of 2 : ST_2016_NA0011_6_2_20160821_00003.jpg



Very little vegetation present in channel upstream of structure of the Fresno River.

| | | | | | |
|---|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 3 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Shoaling / Sedimentation | | | 36.968221 ° | 36.968221 ° |
| | | | | -120.255523 ° | -120.255523 ° |
| DWR ID | DWR_NA0011_6_t_2016_3 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No shoaling or sedimentation present upstream of structure. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 4 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 36.968221 ° | 36.968221 ° |
| | | | | -120.255523 ° | -120.255523 ° |
| DWR ID | DWR_NA0011_6_t_2016_4 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No erosion present at this location. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 5 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Revetments | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_5 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is no Revetment at this location upstream of structure. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Encroachments | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_6 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Culverts: Inlets / Outlets | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_7 | | | | |
| Action/Comments | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 8 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Culverts: Breaks / Holes / Cracks | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_8 | | | | |
| Action/Comments | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Metal Pipes | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_9 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No metal pipes at this structure. | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 10 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trash Racks | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_10 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: This structure has no trash racks. | | | | | |
| | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 11 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flap Gates | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_11 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no flap gates at this structure. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 12 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Sluice/Slide Gates | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_12 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 13 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Electric Gate Operators | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_13 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no electric gates here at this structure. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 14 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Manual Gate Operators | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_14 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The manual control gates here are in good working order. | | | | | |

Photo 1 of 1 : ST_2016_NA0011_6_14_20160821_00005.jpg



The photo here shows the manual control gates in the background.

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 15 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Surfaces | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_15 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: The concrete surface here is in good shape. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 16 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Tilting / Settlement | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_16 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There are no concrete tilting/settlement problems here at this site. | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 17 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Concrete Foundations | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_17 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No scouring/ erosion or undermining at or near this structure. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Security Fencing | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_18 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 19 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Closure Structures | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_19 | | | | |
| Action/Comments | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 20 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Trash Rakes | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_20 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: There is no trash rake at this site. | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | N | Issue No. | 21 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Other Metallic Items | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_21 | | | | |
| Action/Comments | | | | | |

No Photos

| | | | | | |
|-----------------|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 22 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Monolith Joints | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_22 | | | | |
| Action/Comments | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2016

Madera County FCWCA

| Structure | Structure Length | Inspection Start/End | Inspector |
|-----------------------------|------------------|--------------------------|-----------------|
| Fresno River Diversion Weir | | 08/02/2016 08/02/2016 | Herman Phillips |

| | | | | | |
|--|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Safety | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_23 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: No safety issues present at this location. | | | | | |

Photo 1 of 2 : ST_2016_NA0011_6_23_20160901_00009.jpg



Safety handrails on structure.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 23 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | |

Photo 2 of 2 : ST_2016_NA0011_6_23_20160901_00010.jpg



Safety handrails on structure.

| | | | | | |
|---|--------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | |
| Category | Structures & Concrete Lined Channels | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operation & Maintenance Manual | | 36.968221 ° | 36.968221 ° | |
| | | | -120.255523 ° | -120.255523 ° | |
| DWR ID | DWR_NA0011_6_t_2016_24 | | | | |
| Action/Comments | | | | | |
| Inspector Comments: O+M manual is maintained at the LMA office. | | | | | |

No Photos

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