

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2023

Reclamation District No. 2096 Wetherbee Lake

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 0.16 | 05/01/2023 05/01/2023 | Alberto De Leon |

| | | | | | |
|------------------------------------|----------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 1 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2096_01_s_2013_1 | | | | |
| Comment Code | | | | | |
| OM : O&M Manuals | | | | | |
| Inspector Comment | | | | | |
| O&M Manual is at the LMA's office. | | | | | |

No Photos

| | | | | | |
|-------------------------------------|--------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 2 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2096_01_s_2013_2 | | | | |
| Comment Code | | | | | |
| ES : Emergency Supplies & Equipment | | | | | |
| Inspector Comment | | | | | |
| Emergency supplies are available. | | | | | |

No Photos

| | | | | | |
|---|-------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 4 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_RD2096_01_s_2013_4 | | | | |
| Comment Code | | | | | |
| FP : Flood Preparedness & Training | | | | | |
| Inspector Comment | | | | | |
| LMA has a flood response plan in the office. It is recommended that the LMA and interested local volunteers take a flood fight training class in order to refresh their flood fight skills and methods. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable 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 |
|--|--|---|---|

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| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|--------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 3 |
| LM End | 0.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.773852° | 37.773852° |
| | | | | -121.298413° | -121.298413° |
| DWR ID | 22737 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:22737 FS_ID:75022 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 03/17/2022 Record remains No Action Needed. (D.Sanoski - DWR UCIP) 10/17/2019 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana)09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 1 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)]. FS Date: 3/17/2022 12:54:00 PM | | | | | |

Photo 1 of 3 : UCIP_SP_2023_75022_108919.jpg



Top of Levee: view of crown.

| | | | | | |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 3 (cont) |
| LM End | 0.02 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2023_75022_108920.jpg



Land-Side: view of slope and walkway to pump.

| | | | |
|--|---|--|--|
| * Location LS: Land Side N/A: Not Applicable 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 |
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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 0.16 | 05/01/2023 05/01/2023 | Alberto De Leon |

| | | | | | | |
|----------|-----------------------------|--------------|-----|------------------------|--------------|--|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 3 (cont) | |
| LM End | 0.02 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.773852° | 37.773852° | |
| | | | | -121.298413° | -121.298413° | |
| DWR ID | 22737 | | | | | |

Photo 3 of 3 : UCIP_SP_2023_75022_108921.jpg



Water-Side: view of wooden flap gates and concrete headwall.

| | | | | | |
|----------|-----------------------------|--------------|-----|------------------------|--------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 5 |
| LM End | 0.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.773835° | 37.773835° |
| | | | | -121.298419° | -121.298419° |
| DWR ID | 22740 | | | | |

Comment Code

Inspector Comment

DS_ID:22740
 FS_ID:75066
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Found
 UCIP Comments: 03/17/2022 Record updated to No Action Needed.
 System Feature. (D.Sanoski - DWR UCIP) 10/17/2019 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana)09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end. (P. Amatya - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)].
 FS Date: 3/17/2022 1:08:44 PM

Photo 1 of 3 : UCIP_SP_2023_75066_108924.jpg



Top of Levee: view of crown.

| | | | |
|---|---|---|--|
| * 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 |
|---|---|---|--|

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|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 0.16 | 05/01/2023 05/01/2023 | Alberto De Leon |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|--------------|-----------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 5 (cont) |
| LM End | 0.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.773835° | 37.773835° | |
| | | | -121.298419° | -121.298419° | |
| DWR ID | 22740 | | | | |

Photo 2 of 3 : UCIP_SP_2023_75066_108925.jpg



Land-Side: view of slope and walkway to pump

| | | | | | |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | 0.02 | Rating ** | A/W | Issue No. | 5 (cont) |
| LM End | 0.02 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_SP_2023_75066_108926.jpg



Water-Side: view of headwall with wooden flap gates.

| | | | |
|--|---|--|--|
| * Location LS: Land Side N/A: Not Applicable 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 |
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| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 San Joaquin River | Right | 0.16 | 05/01/2023 05/01/2023 | Alberto De Leon |

| | | | | | | |
|--|-----------------------------|--------------|-----|------------------------|--------------|--|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 6 | |
| LM End | 0.03 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.773818° | 37.773818° | |
| | | | | -121.298423° | -121.298423° | |
| DWR ID | 22739 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:22739 FS_ID:75067 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Found UCIP Comments: 03/17/2022 Record updated to No Action Needed. System Features. (D.Sanoski - DWR UCIP) 10/17/2019 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana)09/10/2013 - steel walkway to pump platform.- pumping plant and navigation structure area is fenced with gates at north and south end. (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 3 of 3: 36-inch drainage discharge pipe of an unknown material through the levee, 3.5 feet below the crown. One concrete cutoff wall. Automatic pumping plant and concrete sump on the landside (LS). Vent pipes on the waterside (WS) shoulder. Concrete headwall and spill box on the WS. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 3, December 1968, (HLM 0.03)]. FS Date: 3/17/2022 1:20:53 PM | | | | | | |

Photo 1 of 3 : UCIP_SP_2023_75067_108929.jpg



Top of Levee: view of crown.

| | | | | | |
|----------|-------------|--------------|-----|------------|-----------------|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 6 (cont) |
| LM End | 0.03 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_SP_2023_75067_108930.jpg



Land-Side: view of slope and walkway to pump.

| | | | |
|--|---|--|--|
| * Location LS: Land Side N/A: Not Applicable 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 |
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| | | | | | |
|----------|-----------------------------|--------------|------------------------|--------------|-----------------|
| LM Start | 0.03 | Rating ** | A/W | Issue No. | 6 (cont) |
| LM End | 0.03 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.773818° | 37.773818° | |
| | | | -121.298423° | -121.298423° | |
| DWR ID | 22739 | | | | |

Photo 3 of 3 : UCIP_SP_2023_75067_108931.jpg



Water-Side: view of headwall with wooden flap gates.

| | | | | | |
|--|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.04 | Rating ** | A | Issue No. | 8 |
| LM End | 0.16 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.773677° | 37.771875° |
| | | | | -121.298459° | -121.298412° |
| DWR ID | DWR_RD2096_01_s_2023_8 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| The annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2023_RD2096_117_8_20230515_00012.jpg

Typical view of well maintained vegetation along the waterside slope.
Spring 2023

| | | | | | |
|--|------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.04 | Rating ** | A | Issue No. | 7 |
| LM End | 0.16 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.773677° | 37.771873° |
| | | | | -121.298460° | -121.298416° |
| DWR ID | DWR_RD2096_01_s_2023_7 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| The annual vegetation is well maintained. | | | | | |

Photo 1 of 1 : SP_2023_RD2096_117_7_20230515_00011.jpg

Typical view of well maintained vegetation along the landside slope.
Spring 2023

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable 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 | |
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|--|---|--|