

**Flood Control Project Maintenance
Levee Inspections
Fall 2022 Levee Maintenance Deficiency Summary Report**

San Joaquin River Basin

| RD2092 | Overall LMA Rating | Total LMA Miles | | | | | | |
|---|------------------------|-----------------|--------------|-------------|-------------|---------|------------------------------|---------|
| Reclamation District No. 2092 Dos Rios | U | 3.71 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 4.94 | 0.41 | 6.58 | 177.56% | | | | |
| Trim / Thin Trees | 0.11 | | 0.11 | 2.97% | | | | |
| Encroachments | | | | | 1.14 | 0.77 | | |
| Animal Control | 0.02 | 0.25 | 1.02 | 27.52% | | | | |
| Erosion / Vehicle Traffic | 0.01 | | 0.01 | 0.27% | | | | |
| Crown Surface / Depressions / Rutting | 0.07 | 0.13 | 0.59 | 15.92% | | | | |
| Flood Preparedness & Training | 0.04 | | 0.04 | 1.08% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| DWR UCIP Field Study | | | | | 0.04 | | | |
| DWR UCIP LMA Responsibility | | | | | | | | |
| <i>LMA Totals:</i> | 5.19 | 0.79 | 8.35 | 225.33% | 1.18 | 0.77 | 0.00 | 0.00 |

| Unit No. 01 San Joaquin River RB | Overall Unit Rating | Total Unit Miles | | | | | | |
|---|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| RD2092 | U | 3.71 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 4.94 | 0.41 | 6.58 | 177.56% | | | | |
| Trim / Thin Trees | 0.11 | | 0.11 | 2.97% | | | | |
| Encroachments | | | | | 1.14 | 0.77 | | |
| Animal Control | 0.02 | 0.25 | 1.02 | 27.52% | | | | |
| Erosion / Vehicle Traffic | 0.01 | | 0.01 | 0.27% | | | | |
| Crown Surface / Depressions / Rutting | 0.07 | 0.13 | 0.59 | 15.92% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| DWR UCIP Field Study | | | | | 0.04 | | | |
| DWR UCIP LMA Responsibility | | | | | | | | |
| <i>Unit Totals:</i> | 5.15 | 0.79 | 8.31 | 224.25% | 1.18 | 0.77 | 0.00 | 0.00 |

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet**

Reclamation District No. 2092 Dos Rios

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | U | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet**

Reclamation District No. 2092 Dos Rios

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 San Joaquin River | | | Right | 3.71 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 3/16/2022 - 3/16/2022 | | 9/7/2022 - 9/7/2022 | |
| DWR Inspector | Corey Fujitani | | Corey Fujitani | |
| Accompanied By | | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|-----|
| LM Start | 0.00 | Rating ** | M | Issue No. | 18 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | | ° |
| | | | | | ° |
| DWR ID | DWR_RD2092_01_f_2012_18 | | | | |
| Comment Code | | | | | |
| FP : Flood Preparedness & Training | | | | | |
| Inspector Comment | | | | | |
| The LMA is prepared for flood response, but has not been involved in flood fight training for several years. | | | | | |

No Photos

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|-----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 24 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | | ° |
| | | | | | ° |
| DWR ID | DWR_RD2092_01_s_2012_24 | | | | |
| Comment Code | | | | | |
| OM : O&M Manuals | | | | | |
| Inspector Comment | | | | | |
| LMA has the O&M manual for their district. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|----|------------------------|-----|
| LM Start | 0.00 | Rating ** | A | Issue No. | 26 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | | ° |
| | | | | | ° |
| DWR ID | DWR_RD2092_01_s_2012_26 | | | | |
| Comment Code | | | | | |
| ES : Emergency Supplies & Equipment | | | | | |
| Inspector Comment | | | | | |
| LMA has adequate flood fighting supplies. | | | | | |

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 |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.12 | Rating ** | M | Issue No. | 30 |
| LM End | 0.12 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.602391 ° | 37.602391 ° |
| | | | | -121.160191 ° | -121.160191 ° |
| DWR ID | DWR_RD2092_01_f _ 2021_30 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Three elderberry trees growing in the landside slope. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.13 | Rating ** | U | Issue No. | 32 |
| LM End | 0.13 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.602322 ° | 37.602322 ° |
| | | | | -121.160378 ° | -121.160378 ° |
| DWR ID | DWR_RD2092_01_f_2021_32 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_32_20220822_00008.jpg



View of a large shrub growing on the waterside slope and shoulder. (Fall 2021)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.18 | Rating ** | U | Issue No. | 973 | |
| LM End | 0.18 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.602031 ° | 37.602031 ° | |
| | | | | -121.161249 ° | -121.161249 ° | |
| DWR ID | 20561 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20561 FS_ID:53799 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/12/2019 A thorough internal evaluation of this crossing is necessary. Pipe shows evidence of pipe integrity (LS) issues (pipe wall sections missing on LS inlet) and levee integrity issues (sink hole visible along LS pipe alignment). Internal inspection is recommended for this crossing to determine the extent of pipe damage through the levee. Pipe crosses the levee at an angle at a depth of about 19 feet. Recommend caution be taken at this crossing when driving over levee until additional information becomes available to determine condition of pipe through levee. Recommend cover be placed on riser to address safety concern (riser is 80 inches in diameter and about 19 feet deep). Slide gate appears to be blocked by sediment/debris preventing slide gate to work properly. Unable to confirm if the flap gate located on the WS is still broken (see photo from 2017). (O. Magana - DWR UCIP)09/24/2013 Pipe rusted through at headwall on LS toe. Good candidate for video inspection. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 60-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. Flap gate on the waterside (WS) end. Slide gate in an 80-inch corrugated metal pipe (CMP) riser on the WS slope. Concrete U-shaped headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 0.18)]. FS Date: 3/12/2019 12:05:00 PM | | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53799_79055.jpg



Overview of levee with approximate pipe alignment (pipe angled through levee).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.18 | Rating ** | U | Issue No. | 973 (cont) |
| LM End | 0.18 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.602031 ° | 37.602031 ° |
| | | | | -121.161249 ° | -121.161249 ° |
| DWR ID | 20561 | | | | |

Photo 2 of 3 : UCIP_FA_2022_53799_79054.jpg



LS view: overview of LS with sink hole visible along pipe alignment.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.18 | Rating ** | U | Issue No. | 973 (cont) |
| LM End | 0.18 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_FA_2022_53799_79058.jpg



LS view: pipe crosses levee at angle, approximate alignment on LS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.19 | Rating ** | M | Issue No. | 974 |
| LM End | 0.19 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.601999 ° | 37.601999 ° |
| | | | | -121.161372 ° | -121.161372 ° |
| DWR ID | 20581 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20581 FS_ID:53815 EP_NO: 6254A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 03/12/2019 Pipe has been altered on both WS and LS. A PVC pipe has been sleeved through an existing 22-inch pipe, no records have been found approving modification. This crossing appears abandoned, power source and power meter have been disconnected. Need to coordinate with CVFPB and owner. Crossing should be removed/abandoned properly per Title 23. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 22-inch steel drainage pipe through the levee, 0.5 feet below the crown. 18-inch polyvinyl chloride (PVC) pipe sleeved through the 22-inch steel pipe. 6-inch pad constructed over the pipes. This pumping plant was constructed in 1969 during emergency conditions without a permit. Replaced a 20-inch pipe at the same location. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/12/2019 12:05:00 PM | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53815_79066.jpg



Overview of levee looking d/s towards crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.19 | Rating ** | M | Issue No. | 974 (cont) |
| LM End | 0.19 | Issue Type + | En | Location * | |

Photo 2 of 3 : UCIP_FA_2022_53815_79067.jpg



Crown view: levee section raised at pipe crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 0.19 | Rating ** | M | Issue No. | 974 (cont) |
| LM End | 0.19 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 37.601999 ° | 37.601999 ° | |
| | | | -121.161372 ° | -121.161372 ° | |
| DWR ID | 20581 | | | | |

Photo 3 of 3 : UCIP_FA_2022_53815_79064.jpg



Overview of levee crown at pipe crossing, photo taking looking d/s.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.30 | Rating ** | M | Issue No. | 35 |
| LM End | 2.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.601499 ° | 37.574698 ° |
| | | | | -121.163339 ° | -121.155367 ° |
| DWR ID | DWR_RD2092_01_f_2022_35 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_35_20220915_00069.jpg



Looking east along the waterside slope. (Fall 2022)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.35 | Rating ** | U | Issue No. | 33 |
| LM End | 0.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.601360 ° | 37.597490 ° |
| | | | | -121.164292 ° | -121.168434 ° |
| DWR ID | DWR_RD2092_01_s_2022_33 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_33_20220915_00070.jpg



Several large bushes obstructing view of the landside slope. (Fall 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.42 | Rating ** | M | Issue No. | 28 |
| LM End | 0.42 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.601207 ° | 37.601207 ° |
| | | | | -121.165508 ° | -121.165508 ° |
| DWR ID | DWR_RD2092_01_f_2014_28 | | | | |
| Comment Code | | | | | |
| PO : Pole | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.44 | Rating ** | M | Issue No. | 31 |
| LM End | 0.44 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.601149 ° | 37.601149 ° |
| | | | | -121.165772 ° | -121.165772 ° |
| DWR ID | DWR_RD2092_01_s_2018_31 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove small tree on waterward shoulder before tree is established. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_31_20220822_00007.jpg



View of small tree growing on waterside shoulder. (Spring 2021)

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.59 | Rating ** | M | Issue No. | 40 |
| LM End | 0.59 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Vehicle Traffic | | | 37.599406 ° | 37.599406 ° |
| | | | | -121.167083 ° | -121.167083 ° |
| DWR ID | DWR_RD2092_01_f_2018_40 | | | | |
| Comment Code | | | | | |
| E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| Vehicle tracks on the landside slope should be repaired. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_40_20220822_00012.jpg



Vehicle tracks on landside slope approximately 6" deep perpendicular to the slope. (Fall 2018)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.61 | Rating ** | M | Issue No. | 21 |
| LM End | 0.61 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.599208 ° | 37.599208 ° |
| | | | | -121.167150 ° | -121.167150 ° |
| DWR ID | DWR_RD2092_01_s_2021_21 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Remove small tree on waterward shoulder before tree is established. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_21_20220822_00005.jpg



Looking upstream at a tree growing in the waterside shoulder. (Fall 2020)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.62 | Rating ** | M | Issue No. | 34 |
| LM End | 0.62 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.599070 ° | 37.599070 ° |
| | | | | -121.167223 ° | -121.167223 ° |
| DWR ID | DWR_RD2092_01_f_2020_34 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Small elderberry tree growing in the landside slope. Recommend removing before it can establish. | | | | | |

No Photos

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.76 | Rating ** | M | Issue No. | 968 |
| LM End | 1.31 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.597291 ° | 37.590568 ° |
| | | | | -121.168496 ° | -121.164028 ° |
| DWR ID | DWR_RD2092_01_s_2012_968 | | | | |
| Comment Code | | | | | |
| DT : Ditch | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_968_20220822_00029.jpg



View of concrete ditch running along the landside toe. (Spring 2021)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.79 | Rating ** | M | Issue No. | 36 |
| LM End | 2.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.596791 ° | 37.574697 ° |
| | | | | -121.168478 ° | -121.155367 ° |
| DWR ID | DWR_RD2092_01_f_2022_36 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.87 | Rating ** | M | Issue No. | 54 |
| LM End | 1.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.595780 ° | 37.593265 ° |
| | | | | -121.168203 ° | -121.166675 ° |
| DWR ID | DWR_RD2092_01_f_2021_54 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Several elderberry trees should be removed before they can establish. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.20 | Rating ** | M | Issue No. | 55 |
| LM End | 1.20 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.591453 ° | 37.591453 ° |
| | | | | -121.165684 ° | -121.165684 ° |
| DWR ID | DWR_RD2092_01_f_2021_55 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable 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 - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.25 | Rating ** | M | Issue No. | 39 |
| LM End | 1.31 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.590936 ° | 37.590524 ° |
| | | | | -121.164819 ° | -121.163947 ° |
| DWR ID | DWR_RD2092_01_s_2017_39 | | | | |
| Comment Code | | | | | |
| C3 : Add appropriate gravel or road base. Grade and compact. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_39_20220915_00071.jpg



Looking upstream at rutting and depression on levee crown. (Fall 2022)

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.30 | Rating ** | M | Issue No. | 975 |
| LM End | 1.30 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.590603 ° | 37.590603 ° |
| | | | | -121.164111 ° | -121.164111 ° |
| DWR ID | 20562 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20562 FS_ID:53820 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 5, Pipe Damage Crossing Status: Found UCIP Comments: 03/12/2019 DMP internal video inspection has found pipe integrity issues. LOF of crossing is greater than or equal to 4.1 and less than 5. Crossing will be monitored until funding becomes available for rehabilitation. During UCIP visual inspection, no pipe or levee integrity issues were observed. Distribution box located on the WS is falling apart (bricks missing). This crossing is an active crossing however, no permit has been found authorizing crossing. Need to determine who maintains and operates this crossing. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 4-foot by 6-foot concrete distribution box on the landside (LS) toe. 5-foot by 5-foot concrete riser on the WS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.31). USACE As-Built Drawing No. 07-04-1555, Sheet 19.3, upstream of STA 260+00, 15 November 1961]. FS Date: 3/12/2019 12:06:00 PM | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53820_79073.jpg



Overview of pipe alignment through levee, photo taking looking d/s toward crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.30 | Rating ** | M | Issue No. | 975 (cont) |
| LM End | 1.30 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.590603 ° | 37.590603 ° |
| | | | | -121.164111 ° | -121.164111 ° |
| DWR ID | 20562 | | | | |

Photo 2 of 3 : UCIP_FA_2022_53820_79078.jpg



WS view: approximate alignment on WS.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.30 | Rating ** | M | Issue No. | 975 (cont) |
| LM End | 1.30 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2022_53820_35213.jpg



Slide gate in 48-inch CMP riser on WS slope.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.30 | Rating ** | A/W | Issue No. | 976 |
| LM End | 1.30 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.590603 ° | 37.590603 ° |
| | | | | -121.164109 ° | -121.164109 ° |
| DWR ID | 20574 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20574 FS_ID:53772 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *REMOVED* 36-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete distribution box at the toe of both slopes. Replaced by another 36-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.31)]. FS Date: 3/12/2019 12:07:12 PM | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | M | Issue No. | 46 |
| LM End | 1.31 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.590563 ° | 37.590563 ° |
| | | | | -121.164005 ° | -121.164005 ° |
| DWR ID | DWR_RD2092_01_f_2019_46 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Multiple elderberry trees in landside slope should be removed before they can establish. | | | | | |

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 |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.38 | Rating ** | M | Issue No. | 47 |
| LM End | 1.38 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.589985 ° | 37.589985 ° |
| | | | | -121.162959 ° | -121.162959 ° |
| DWR ID | DWR_RD2092_01_f_2021_47 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Multiple elderberry trees on the landside slope. | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 56 |
| LM End | 1.45 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.589151 ° | 37.589151 ° |
| | | | | -121.162259 ° | -121.162259 ° |
| DWR ID | DWR_RD2092_01_f_2021_56 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Several elderberry trees on the landside slope. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.53 | Rating ** | M | Issue No. | 37 |
| LM End | 1.53 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.587961 ° | 37.587961 ° |
| | | | | -121.162259 ° | -121.162259 ° |
| DWR ID | DWR_RD2092_01_s_2021_37 | | | | |
| Comment Code | | | | | |
| T4 : Trim trees over roadway to at least 12 feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_37_20220822_00010.jpg



View of tree branches hanging over the waterside slope and shoulder.
(Spring 2022)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|-------------------|------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.56 | Rating ** | M | Issue No. | 8 |
| LM End | 1.84 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.587575 ° | 37.584057 ° |
| | | | | -121.162454 ° | -121.162387 ° |
| DWR ID | DWR_RD2092_01_s_2012_8 | | | | |
| Comment Code | | | | | |
| DT : Ditch | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_8_20220822_00001.jpg



View of unlined ditch along the waterside toe looking upstream. (Spring 2020)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.56 | Rating ** | U | Issue No. | 61 |
| LM End | 2.32 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.587575 ° | 37.581465 ° |
| | | | | -121.162454 ° | -121.156009 ° |
| DWR ID | DWR_RD2092_01_f_2021_61 | | | | |
| Comment Code | | | | | |
| CR : Crops | | | | | |
| Inspector Comment | | | | | |
| Corn planted up to hinge point on landside toe. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_61_20220915_00072.jpg



Crops planted along the landside toe up to the slope. (Fall 2022)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.58 | Rating ** | U | Issue No. | 57 |
| LM End | 1.58 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.587344 ° | 37.587344 ° |
| | | | | -121.162631 ° | -121.162631 ° |
| DWR ID | DWR_RD2092_01_f_2021_57 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_57_20220822_00021.jpg



View of multiple large rodent burrows in the landside slope. (Fall 2021)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.60 | Rating ** | M | Issue No. | 48 |
| LM End | 1.62 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.587068 ° | 37.586794 ° |
| | | | | -121.162773 ° | -121.162950 ° |
| DWR ID | DWR_RD2092_01_f _ 2019_48 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_48_20220822_00016.jpg



View of branches hanging over waterside slope. (Fall 2019)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.62 | Rating ** | M | Issue No. | 38 |
| LM End | 1.62 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.586842 ° | 37.586842 ° |
| | | | | -121.162897 ° | -121.162897 ° |
| DWR ID | DWR_RD2092_01_f_2020_38 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Young elderberry tree growing in the waterside shoulder. Recommend removing before it can establish. | | | | | |

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 |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.69 | Rating ** | U | Issue No. | 977 |
| LM End | 1.69 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.585938 ° | 37.585938 ° |
| | | | | -121.163348 ° | -121.163348 ° |
| DWR ID | 20563 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20563 FS_ID:53817 EP_NO: N/A Repair Type: Urgent EVAL Issue: 1, Pipe Integrity Crossing Status: Found UCIP Comments: 03/12/2019 A thorough internal evaluation of this crossing is required, pipe shows evidence of pipe integrity (LS) issues (pipe wall sections missing on WS outlet). Internal inspection is recommended for this crossing to determine the extent of pipe damage through the levee. Maintenance issues identified at this crossing include: flap gate missing on WS, debris found inside concrete distribution box, and missing cover on riser. No permit has been identified for this crossing. Need to determine who maintains crossing; crossing appears functional. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)]. FS Date: 3/12/2019 12:07:00 PM | | | | | |
| LM Start | 1.69 | Rating ** | U | Issue No. | 977 (cont) |
| LM End | 1.69 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_FA_2022_53817_79086.jpg



Overview of levee crown looking d/s towards pipe crossing.

Photo 2 of 3 : UCIP_FA_2022_53817_79087.jpg



WS view: overview of WS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 1.69 | Rating ** | U | Issue No. | 977 (cont) |
| LM End | 1.69 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.585938 ° | 37.585938 ° | |
| | | | -121.163348 ° | -121.163348 ° | |
| DWR ID | 20563 | | | | |

Photo 3 of 3 : UCIP_FA_2022_53817_79085.jpg



LS view: overview of LS.

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|------------|
| LM Start | 1.69 | Rating ** | A/W | Issue No. | 978 |
| LM End | 1.69 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.585921 ° | 37.585921 ° | |
| | | | -121.163319 ° | -121.163319 ° | |
| DWR ID | 20575 | | | | |

No Photos

Comment Code

Inspector Comment

DS_ID:20575
 FS_ID:53774
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: *REMOVED* 24-inch reinforced concrete drainage pipe through the levee, 14 feet below the crown. Slide gate in corrugated metal pipe riser on the waterside (WS) slope. Concrete U-shaped headwall at the landside (LS) toe. Replaced by another 24-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 1.71)].
 FS Date: 3/12/2019 12:07:46 PM

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

Reclamation District No. 2092 Dos Rios

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.06 | Rating ** | A/W | Issue No. | 979 |
| LM End | 2.06 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.584206 ° | 37.584206 ° |
| | | | | -121.158386 ° | -121.158386 ° |
| DWR ID | 20576 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20576 FS_ID:53775 EP_NO: N/A Repair Type: No Action Needed EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *REMOVED* 30-inch reinforced concrete drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Replaced by another 30-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.10), 36-inch pipe listed]. FS Date: 3/12/2019 12:08:06 PM | | | | | |

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 |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | | |
|--|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 2.07 | Rating ** | M | Issue No. | 980 | |
| LM End | 2.07 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.584212 ° | 37.584212 ° | |
| | | | | -121.158347 ° | -121.158347 ° | |
| DWR ID | 20564 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20564 FS_ID:53814 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Found UCIP Comments: 03/12/2019 Concrete headwall found on LS toe. Pipe appears to have been grouted through. No other appurtenances were found during inspection. WS outlet was not found. Need to coordinate with the CVFPB to determine if additional steps are needed to comply with Title 23. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. Filled with concrete on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.10), 36-inch pipe listed]. FS Date: 3/12/2019 12:08:00 PM | | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53814_79091.jpg



Overview of levee crown, looking u/s from d/s, and approximate pipe alignment.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.07 | Rating ** | M | Issue No. | 980 (cont) |
| LM End | 2.07 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_FA_2022_53814_79092.jpg



Overview of levee at crossing, photo taken u/s looking d/s towards pipe crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.07 | Rating ** | M | Issue No. | 980 (cont) |
| LM End | 2.07 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.584212 ° | 37.584212 ° | |
| | | | -121.158347 ° | -121.158347 ° | |
| DWR ID | 20564 | | | | |

Photo 3 of 3 : UCIP_FA_2022_53814_79093.jpg



LS view: concrete riser, power pole, and groundwater pump station.

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.23 | Rating ** | M | Issue No. | 43 |
| LM End | 2.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.582717 ° | 37.582717 ° |
| | | | | -121.155980 ° | -121.155980 ° |
| DWR ID | DWR_RD2092_01_f _ 2020_43 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm tree in landside toe should be removed before it can establish. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_43_20220822_00013.jpg



View of small palm tree growing on the landside toe. (Fall 2020)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.28 | Rating ** | M | Issue No. | 41 |
| LM End | 2.28 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.582041 ° | 37.582041 ° |
| | | | | -121.155851 ° | -121.155851 ° |
| DWR ID | DWR_RD2092_01_s_2021_41 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| Elderberry tree in waterside shoulder should be removed before it can establish. | | | | | |

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 |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.29 | Rating ** | M | Issue No. | 59 |
| LM End | 2.29 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.581898 ° | 37.581898 ° |
| | | | | -121.155857 ° | -121.155857 ° |
| DWR ID | DWR_RD2092_01_s_2020_59 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm tree should be removed from the landside toe before it can establish. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_59_20220822_00023.jpg



Upclose view of palm tree growing at the levee toe. (Spring 2020)

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.34 | Rating ** | U | Issue No. | 42 |
| LM End | 2.34 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.581227 ° | 37.581227 ° |
| | | | | -121.156099 ° | -121.156099 ° |
| DWR ID | DWR_RD2092_01_f_2022_42 | | | | |
| Comment Code | | | | | |
| PI : Pipe | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_42_20220915_00073.jpg



Temporary pipe crossing placed across levee crown blocking access. (Fall 2022)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable 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 - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 981 |
| LM End | 2.34 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 37.581226 ° | 37.581226 ° |
| | | | | -121.156175 ° | -121.156175 ° |
| DWR ID | 24680 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:24680 FS_ID:53805 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 03/12/2019 No permit was found authorizing modifications to existing crossing. New crossing was added at this levee section using the old appurtenances associated with USACE O&M Legacy system Pipe (dsid 20566). The pipe associated with dsid 20566 has been grouted through (see dsid 20566 detail report). Irrigation pipe is functional and pipe is being maintained. Unable to confirm if riser located on WS is being used with this crossing. Need to coordinate with CVFPB to determine owner and if permit was issued for the modifications of this crossing. (O. Magana - DWR UCIP) 09/24/2013 No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 21-inch polyvinyl chloride (PVC) irrigation pipe through the levee, at an unknown depth. Pipe discharges into a concrete distribution box on the landside (LS) toe. Pump on pier off the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 3/12/2019 12:08:00 PM | | | | | |
| LM Start | 2.34 | Rating ** | M | Issue No. | 981 (cont) |
| LM End | 2.34 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2022_53805_79106.jpg



WS view: overview of WS.

Photo 2 of 3 : UCIP_FA_2022_53805_79105.jpg



Overview of levee crown looking d/s towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 981 (cont) |
| LM End | 2.34 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 37.581226 ° | 37.581226 ° | |
| | | | -121.156175 ° | -121.156175 ° | |
| DWR ID | 24680 | | | | |

Photo 3 of 3 : UCIP_FA_2022_53805_79104.jpg



LS view: overview of LS.

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 982 |
| LM End | 2.34 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 37.581213 ° | 37.581213 ° | |
| | | | -121.156175 ° | -121.156175 ° | |
| DWR ID | 20566 | | | | |

Comment Code

Inspector Comment

DS_ID:20566
 FS_ID:54051
 EP_NO: N/A
 Repair Type: Non-Urgent
 EVAL Issue: 4b, Safety Issue
 Crossing Status: Found
 UCIP Comments: 03/12/2019 Concrete distribution box found on LS with evidence that 24-inch pipe was going through levee. Pipe appears to have been grouted through. Riser is still present on WS however, unable to determine if pipe was grouted all the way through the levee section. Concrete distribution box is currently being used by an unauthorized pipe encroachment (see DSID 24680). Lid missing from CMP riser. Owner needs to add lid to riser to prevent entry in confined space. Need to coordinate with the CVFPB to determine how to address abandoned appurtenances and pipe abandonment. (O. Magana - DWR UCIP)
 09/24/2013 Pipe appears abandoned and needs to be verified as having been done so properly. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal irrigation pipe through the levee, 11 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. 5-foot by 5-foot concrete distribution box on the landside (LS). Pump on platform in the channel. Pipe filled with concrete on the LS toe. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.38)].
 FS Date: 3/12/2019 12:09:00 PM

Photo 1 of 3 : UCIP_FA_2022_54051_79112.jpg



WS view: overview of WS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 982 (cont) |
| LM End | 2.34 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 37.581213 ° | 37.581213 ° | |
| | | | -121.156175 ° | -121.156175 ° | |
| DWR ID | 20566 | | | | |

Photo 2 of 3 : UCIP_FA_2022_54051_79111.jpg



Overview of levee crown looking d/s looking towards crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 982 (cont) |
| LM End | 2.34 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2022_54051_79110.jpg



LS view: overview of LS.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.34 | Rating ** | M | Issue No. | 58 |
| LM End | 2.34 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.581166 ° | 37.581166 ° |
| | | | | -121.156156 ° | -121.156156 ° |
| DWR ID | DWR_RD2092_01_s_2022_58 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm tree should be removed from the landside slope. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_58_20220822_00022.jpg



View of palm tree growing on the landside slope. (Spring 2020)

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 65 |
| LM End | 2.35 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.581040 ° | 37.581040 ° |
| | | | | -121.156296 ° | -121.156296 ° |
| DWR ID | DWR_RD2092_01_s_2022_65 | | | | |
| Comment Code | | | | | |
| C2 : Repair depressions or ruts in the crown or slope. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.36 | Rating ** | U | Issue No. | 66 |
| LM End | 2.39 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.580992 ° | 37.580641 ° |
| | | | | -121.156336 ° | -121.156610 ° |
| DWR ID | DWR_RD2092_01_s_2022_66 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_66_20220822_00028.jpg



View of several large rodent holes in the landside slope. (Spring 2022)

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.37 | Rating ** | M | Issue No. | 20 |
| LM End | 2.37 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.580821 ° | 37.580821 ° |
| | | | | -121.156468 ° | -121.156468 ° |
| DWR ID | DWR_RD2092_01_f_2014_20 | | | | |
| Comment Code | | | | | |
| PO : Pole | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_20_20220822_00004.jpg



View of the pole on the landside slope of the levee looking upstream. (Spring 2020)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start | 2.40 | Rating ** | M | Issue No. | 983 | |
| LM End | 2.40 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 37.580426 ° | 37.580426 ° | |
| | | | | -121.156798 ° | -121.156798 ° | |
| DWR ID | 20567 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20567 FS_ID:54052 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 03/12/2019 Unable to locate concrete headwall on the WS due to high water. Unable to locate concrete headwall on LS due to dense vegetation. No permit was found authorizing crossing. If crossing is no longer in use recommend removing crossing and appurtenances from levee. Need to coordinate with CVFPB to determine pipe owner. (O. Magana - DWR UCIP) 09/24/2013 Appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Concrete headwall on the landside (LS) toe next to pump. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.44)]. FS Date: 3/12/2019 12:09:00 PM | | | | | | |

Photo 1 of 3 : UCIP_FA_2022_54052_79119.jpg



WS view: overview of WS.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.40 | Rating ** | M | Issue No. | 983 (cont) |
| LM End | 2.40 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : UCIP_FA_2022_54052_79118.jpg



Overview of levee crown looking d/s towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.40 | Rating ** | M | Issue No. | 983 (cont) |
| LM End | 2.40 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.580426 ° | 37.580426 ° | |
| | | | -121.156798 ° | -121.156798 ° | |
| DWR ID | 20567 | | | | |

Photo 3 of 3 : UCIP_FA_2022_54052_79117.jpg



LS view: overview of LS.

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|------------|
| LM Start | 2.41 | Rating ** | A/W | Issue No. | 984 |
| LM End | 2.41 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.580379 ° | 37.580379 ° | |
| | | | -121.156779 ° | -121.156779 ° | |
| DWR ID | 20577 | | | | |

No Photos

Comment Code

Inspector Comment

DS_ID:20577
 FS_ID:53865
 EP_NO: N/A
 Repair Type: No Action Needed
 EVAL Issue:
 Crossing Status: Not Found
 UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: *REMOVED* 16-inch steel drainage pipe through the levee, 15 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwall on the WS end. Replaced by another 24-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.44), listed as a 24-inch pipe].
 FS Date: 3/12/2019

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.44 | Rating ** | M | Issue No. | 50 |
| LM End | 2.44 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.579945 ° | 37.579945 ° |
| | | | | -121.156995 ° | -121.156995 ° |
| DWR ID | DWR_RD2092_01_f_2019_50 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm tree should be removed from landside slope before it can establish. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_50_20220822_00018.jpg



View of palm tree in the landside slope. (Spring 2020)

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.49 | Rating ** | M | Issue No. | 51 |
| LM End | 2.49 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.579133 ° | 37.579133 ° |
| | | | | -121.156981 ° | -121.156981 ° |
| DWR ID | DWR_RD2092_01_f _ 2019_51 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm tree should be removed from landside toe before it can establish. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_51_20220822_00019.jpg



View of palm tree growing in landside toe. (Fall 2019)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.55 | Rating ** | M | Issue No. | 19 |
| LM End | 2.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 37.578333 ° | 37.578333 ° |
| | | | | -121.157011 ° | -121.157011 ° |
| DWR ID | DWR_RD2092_01_s_2018_19 | | | | |
| Comment Code | | | | | |
| T1 : Trim and thin trees to at least five feet above ground level to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Palm trees at landward slope and toe should be removed. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_19_20220822_00003.jpg



View of palm tree growing on landside slope. (Fall 2019)

| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable 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 - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.56 | Rating ** | U | Issue No. | 44 |
| LM End | 2.63 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.578179 ° | 37.577159 ° |
| | | | | -121.157036 ° | -121.157150 ° |
| DWR ID | DWR_RD2092_01_f_2018_44 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| There are several burrows along the landside slope that need to be backfilled. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_44_20220822_00014.jpg



View of rodent burrows in landside slope. (Spring 2020)

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.61 | Rating ** | M | Issue No. | 22 |
| LM End | 2.61 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.577387 ° | 37.577387 ° |
| | | | | -121.157133 ° | -121.157133 ° |
| DWR ID | DWR_RD2092_01_f_2014_22 | | | | |
| Comment Code | | | | | |
| PO : Pole | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.62 | Rating ** | M | Issue No. | 53 |
| LM End | 2.62 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.577261 ° | 37.577261 ° |
| | | | | -121.157146 ° | -121.157146 ° |
| DWR ID | DWR_RD2092_01_f_2019_53 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

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 |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.63 | Rating ** | U | Issue No. | 17 |
| LM End | 2.76 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.577186 ° | 37.575364 ° |
| | | | | -121.157159 ° | -121.157093 ° |
| DWR ID | DWR_RD2092_01_s_2018_17 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Several large rodent holes within this reach need to be backfilled. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_17_20220822_00002.jpg



Looking upstream on waterward slope at several large rodent holes.
(Spring 2018)

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.69 | Rating ** | M | Issue No. | 23 |
| LM End | 2.69 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.576363 ° | 37.576363 ° |
| | | | | -121.157212 ° | -121.157212 ° |
| DWR ID | DWR_RD2092_01_f_2014_23 | | | | |
| Comment Code | | | | | |
| PO : Pole | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.74 | Rating ** | U | Issue No. | 45 |
| LM End | 2.74 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.575514 ° | 37.575514 ° |
| | | | | -121.157140 ° | -121.157140 ° |
| DWR ID | DWR_RD2092_01_s_2019_45 | | | | |
| Comment Code | | | | | |
| C2 : Repair depressions or ruts in the crown or slope. | | | | | |
| Inspector Comment | | | | | |
| Depression and rutting in levee crown should be repaired. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_45_20220822_00015.jpg



View of depression in levee crown. (Spring 2019)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.77 | Rating ** | M | Issue No. | 27 |
| LM End | 2.77 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.575182 ° | 37.575182 ° |
| | | | | -121.157007 ° | -121.157007 ° |
| DWR ID | DWR_RD2092_01_f_2017_27 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_27_20220822_00006.jpg



View of a fence on the landside toe of the levee looking downstream (Spring 2022).

| | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.79 | Rating ** | M | Issue No. | 985 |
| LM End | 2.79 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.575002 ° | 37.575002 ° |
| | | | | -121.156753 ° | -121.156753 ° |
| DWR ID | 20569 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20569 FS_ID:53813 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Not Found UCIP Comments: 03/12/2019 Need to confirm status of crossing through levee section. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 2.83)]. FS Date: 3/12/2019 12:10:00 PM | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53813_79128.jpg



LS view: overview of LS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.79 | Rating ** | M | Issue No. | 985 (cont) |
| LM End | 2.79 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.575002 ° | 37.575002 ° | |
| | | | -121.156753 ° | -121.156753 ° | |
| DWR ID | 20569 | | | | |

Photo 2 of 3 : UCIP_FA_2022_53813_79129.jpg



Overview of levee crown where crossing should be.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.79 | Rating ** | M | Issue No. | 985 (cont) |
| LM End | 2.79 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_FA_2022_53813_79130.jpg



WS view: overview of WS.

| | | | | | |
|--|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.79 | Rating ** | M | Issue No. | 972 |
| LM End | 3.05 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 37.574973 ° | 37.574001 ° |
| | | | | -121.156647 ° | -121.152183 ° |
| DWR ID | DWR_RD2092_01_f _ 2018_972 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| Barbed wire fence on waterside toe of the levee. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_972_20220822_00030.jpg



View of barbed wire fence along the waterward slope looking upstream.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable 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 - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.82 | Rating ** | U | Issue No. | 60 |
| LM End | 2.94 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 37.574868 ° | 37.574425 ° |
| | | | | -121.156163 ° | -121.154046 ° |
| DWR ID | DWR_RD2092_01_s_2020_60 | | | | |
| Comment Code | | | | | |
| C2 : Repair depressions or ruts in the crown or slope. | | | | | |
| Inspector Comment | | | | | |
| Potholes and rutting in the levee crown should be repaired. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_60_20220822_00024.jpg



View of rutting and potholes on levee crown looking downstream.
(Spring 2021)

| | | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 2.86 | Rating ** | M | Issue No. | 986 | |
| LM End | 2.86 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.574741 ° | 37.574741 ° | |
| | | | | -121.155495 ° | -121.155495 ° | |
| DWR ID | 20570 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20570 FS_ID:53810 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: Crossing Status: Indicator Found UCIP Comments: 03/12/2019 Unable to locate concrete headwall on the WS. Concrete headwall is still visible on the LS however, this crossing appears to be abandoned. No permit was found authorizing crossing. If crossing is no longer in use recommend removing crossing and appurtenances from levee. (O. Magana - DWR UCIP) 09/24/2013 Appears abandoned and if so, should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 24-inch corrugated metal drainage pipe through the levee, 6.5 feet below the crown. Concrete U-shaped headwall and flap gate on the waterside (WS) end. Concrete headwall on the landside (LS) slope. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961]. FS Date: 3/12/2019 12:11:00 PM | | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53810_79135.jpg



Overview of levee at crossing, photo taken d/s looking u/s towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.86 | Rating ** | M | Issue No. | 986 (cont) |
| LM End | 2.86 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 37.574741 ° | 37.574741 ° | |
| | | | -121.155495 ° | -121.155495 ° | |
| DWR ID | 20570 | | | | |

Photo 2 of 3 : UCIP_FA_2022_53810_79136.jpg



Overview of levee at crossing, photo taken u/s looking d/s towards crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.86 | Rating ** | M | Issue No. | 986 (cont) |
| LM End | 2.86 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_FA_2022_53810_79140.jpg



LS view: heavy burrow activity observed on LS slope.

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 2.94 | Rating ** | A/W | Issue No. | 52 |
| LM End | 2.94 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 37.574455 ° | 37.574455 ° |
| | | | | -121.154069 ° | -121.154069 ° |
| DWR ID | DWR_RD2092_01_s_2021_52 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Single rodent and burrow observed on landside shoulder. | | | | | |

Photo 1 of 1 : FA_2022_RD2092_116_52_20220822_00020.jpg



View of single burrow and rodent observed on landside shoulder. (Spring 2021)

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.01 | Rating ** | M | Issue No. | 69 |
| LM End | 3.01 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 37.574237 ° | 37.574237 ° |
| | | | | -121.152758 ° | -121.152758 ° |
| DWR ID | DWR_RD2092_01_s_2022_69 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.47 | Rating ** | | Issue No. | 987 |
| LM End | 3.47 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.573304 ° | 37.573304 ° |
| | | | | -121.144747 ° | -121.144747 ° |
| DWR ID | 20572 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20572 FS_ID:53786 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 4b, Safety Issue Crossing Status: Found UCIP Comments: 03/12/2019 No permit was found authorizing crossing. Unable to confirm if crossing is in use. Recommend adding cover to riser to address safety concern. No slide gate was found in CMP riser. If crossing is no longer in use, recommend proper abandonment or removal from levee. Owner will need to coordinate with CVFPB to be compliant with Title 23. (O. Magana - DWR UCIP) 09/24/2013 This pipe appears abandoned and if so, should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 11 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. [Additional Reference(s): DWR Levee Log, 2005. USACE San Joaquin O&M Manual 5, August 1961, (HLM 3.52)]. FS Date: 3/12/2019 12:11:53 PM | | | | | |

Photo 1 of 3 : UCIP_FA_2022_53786_79145.jpg



Overview of levee crown looking d/s towards crossing.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.47 | Rating ** | M | Issue No. | 987 (cont) |
| LM End | 3.47 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 37.573304 ° | 37.573304 ° |
| | | | | -121.144747 ° | -121.144747 ° |
| DWR ID | 20572 | | | | |

Photo 2 of 3 : UCIP_FA_2022_53786_79150.jpg



Overview of levee crown looking u/S towards crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.47 | Rating ** | M | Issue No. | 987 (cont) |
| LM End | 3.47 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_FA_2022_53786_79144.jpg



LS view: overview of land use on LS.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2022

Reclamation District No. 2092 Dos Rios

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 San Joaquin River | Right | 3.71 | 09/07/2022 09/07/2022 | Corey Fujitani |

| | | | | | | |
|---|-----------------------------|--------------|-----|------------------------|-----|---------------|
| LM Start | 3.47 | Rating ** | A/W | Issue No. | 988 | |
| LM End | 3.47 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP LMA Responsibility | | | 37.573288 ° | | 37.573288 ° |
| | | | | -121.144744 ° | | -121.144744 ° |
| DWR ID | 20578 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20578 | | | | | | |
| FS_ID:53765 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: No Action Needed | | | | | | |
| EVAL Issue: | | | | | | |
| Crossing Status: Not Found | | | | | | |
| UCIP Comments: 03/12/2019 (O. Magana - DWR UCIP) | | | | | | |
| FIELD_STRUCT_DESC: *REMOVED* 36-inch reinforced concrete drainage pipe semi-through the levee, 11 feet below the crown. The landside (LS) half of the pipe was replaced. Slide gate in corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete headwalls on both ends. Replaced by another 36-inch pipe at the same location. [Additional Reference(s): USACE San Joaquin O&M Manual 5, August 1961, (HLM 3.52)]. | | | | | | |
| FS Date: 3/12/2019 9:40:26 AM | | | | | | |

No Photos

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