

**Flood Control Project Maintenance
Levee Inspections
Fall 2024 Levee Maintenance Deficiency Summary Report**

Sacramento River Basin

| RD0556 | Overall LMA Rating | Total LMA Miles | | | | | | |
|---|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| Reclamation District No. 0556 Upper Andrus | U | 11.20 | | | | | | |
| 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 | 1.48 | 0.61 | 3.92 | 35.00% | 0.09 | 1.15 | | |
| Trim / Thin Trees | 0.52 | 0.28 | 1.64 | 14.64% | | | | |
| Encroachments | | | | | 0.15 | 0.22 | | |
| Animal Control | 0.08 | 0.14 | 0.64 | 5.71% | | | | |
| Erosion / Vehicle Traffic | | 0.01 | 0.04 | 0.36% | | | | |
| Flood Preparedness & Training | 0.11 | | 0.11 | 0.98% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| 2018 USACE Erosion Survey | 1.86 | | 1.86 | 16.61% | | | | |
| DWR UCIP Field Study | | | | | 0.15 | 0.07 | | |
| DWR UCIP LMA Responsibility | 0.03 | | 0.03 | 0.27% | | | | |
| <i>LMA Totals:</i> | 4.08 | 1.04 | 8.24 | 73.57% | 0.39 | 1.44 | 0.00 | 0.00 |
| Unit No. 01 Georgiana Slough RB | Overall Unit Rating | Total Unit Miles | | | | | | |
| RD0556 | U | 5.48 | | | | | | |
| 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 | 0.68 | 0.33 | 2.00 | 36.48% | 0.07 | 0.49 | | |
| Trim / Thin Trees | 0.04 | 0.06 | 0.28 | 5.11% | | | | |
| Encroachments | | | | | 0.13 | 0.05 | | |
| Animal Control | 0.02 | | 0.02 | 0.37% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| 2018 USACE Erosion Survey | 1.20 | | 1.20 | 21.89% | | | | |
| DWR UCIP Field Study | | | | | 0.08 | 0.02 | | |
| DWR UCIP LMA Responsibility | 0.03 | | 0.03 | 0.55% | | | | |
| <i>Unit Totals:</i> | 1.97 | 0.39 | 3.53 | 64.39% | 0.28 | 0.56 | 0.00 | 0.00 |
| Unit No. 02 Sacramento River LB | Overall Unit Rating | Total Unit Miles | | | | | | |
| RD0556 | U | 5.72 | | | | | | |
| 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 | 0.80 | 0.28 | 1.92 | 33.58% | 0.02 | 0.66 | | |
| Trim / Thin Trees | 0.48 | 0.22 | 1.36 | 23.78% | | | | |
| Encroachments | | | | | 0.02 | 0.17 | | |
| Animal Control | 0.06 | 0.14 | 0.62 | 10.84% | | | | |
| Erosion / Vehicle Traffic | | 0.01 | 0.04 | 0.70% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| 2018 USACE Erosion Survey | 0.66 | | 0.66 | 11.54% | | | | |
| DWR UCIP Field Study | | | | | 0.07 | 0.05 | | |
| <i>Unit Totals:</i> | 2.00 | 0.65 | 4.60 | 80.45% | 0.11 | 0.88 | 0.00 | 0.00 |

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

Reclamation District No. 0556 Upper Andrus

| | 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. 0556 Upper Andrus

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|-------------------------------------|---------------------------------|
| Unit No. 01 Georgiana Slough | | | Right | 5.48 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 4/18/2024 - 4/18/2024 | | 10/22/2024 - 10/22/2024 | |
| DWR Inspector | Gregg McMillon | | Gregg McMillon | |
| Accompanied By | | | Emily Pappalardo DCC Engineering | |

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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | M | Issue No. | 3 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | | ° |
| | | | | | ° |
| DWR ID | DWR_RD0556_01_f_2014_3 | | | | |
| Comment Code | | | | | |
| FP : Flood Preparedness & Training | | | | | |
| Inspector Comment | | | | | |
| The members in the district have not been flood fight trained recently according to the district manager, but they are familier with flood fight methods in the field. | | | | | |

No Photos

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 6 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | | ° |
| | | | | | ° |
| DWR ID | DWR_RD0556_01_s_2012_6 | | | | |
| Comment Code | | | | | |
| OM : O&M Manuals | | | | | |
| Inspector Comment | | | | | |
| Sent electronic copy of O+M manual to LMA. In addition, the District engineer also has a copy. | | | | | |

No Photos

| | | | | | | |
|--|--------------------------------|--------------|----|------------------------|-----|-----|
| LM Start | | Rating ** | A | Issue No. | 8 | |
| LM End | | Issue Type + | Ma | Location * | N/A | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | Emergency Supplies & Equipment | | | | | ° |
| | | | | | | ° |
| DWR ID | DWR_RD0556_01_f_2019_8 | | | | | |
| Comment Code | | | | | | |
| ES : Emergency Supplies & Equipment | | | | | | |
| Inspector Comment | | | | | | |
| The District has adequate flood fight materials on hand. | | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|--------------|
| LM Start | 0.25 | Rating ** | A/W | Issue No. | 85 |
| LM End | 0.58 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.235616° | 38.231902° |
| | | | | -121.518405° | -121.522242° |
| DWR ID | DWR_RD0556_01_f _ 2021_85 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Large bricks on the landside slope acting as revetment. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_85_20241001_00043.jpg



View of bricks on the landside slope (Spring 2021).

| | | | | | |
|---|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.38 | Rating ** | M | Issue No. | 43 |
| LM End | 0.58 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.234038° | 38.231879° |
| | | | | -121.519817° | -121.522003° |
| DWR ID | DWR_RD0556_01_s_2022_43 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: GEO 11.8 R | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: No observed change. | | | | | |
| Site History: 2017 - Tree popout popouts eminent , significant toe erosion and whole bank failure in sections | | | | | |

Photo 1 of 2 : FA_2024_RD0556_18_43_20241001_00024.jpg



USACE 2018 Erosion Photo #1

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.38 | Rating ** | M | Issue No. | 43 (cont) |
| LM End | 0.58 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : FA_2024_RD0556_18_43_20241001_00025.jpg



USACE 2018 Erosion Photo #2

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.53 | Rating ** | M | Issue No. | 108 |
| LM End | 0.53 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.232450 ° | 38.232450 ° |
| | | | | -121.521624 ° | -121.521624 ° |
| DWR ID | 20821 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20821 FS_ID:61336 EP_NO: 5548 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/16/2020 Record remains Non-Urgent. Unable to inspect waterside slope due to overgrown vegetation. Unable to find pump on waterside, instead, a gas pump and screen filters installed on landside. Unable to find a permit for modification. (O.Yakimov - DWR UCIP) 05/13/2015 Dense vegetation prevents inspection of WS slope. (K.Fazel - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 5 feet below the crown. 1.25-inch electrical conduit through the levee at the same location. Pump and screen filters on the landside. Concrete steps on the landside (LS) slope. Cuts in pavement visible at the crossing. Siphon breaker on waterside shoulder. (12-inch pipe authorized under Permit No. 5548, 1966 - George K. Adams). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 0.54)]. FS Date: 6/16/2020 1:47:59 PM | | | | | |
| LM Start | 0.53 | Rating ** | M | Issue No. | 108 (cont) |
| LM End | 0.53 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61336_88650.jpg



Water-Side: View of levee slope looking from crown

Photo 2 of 3 : UCIP_FA_2024_61336_88648.jpg



Land-Side: View of levee slope looking from crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.53 | Rating ** | M | Issue No. | 108 (cont) |
| LM End | 0.53 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.232450 ° | 38.232450 ° |
| | | | | -121.521624 ° | -121.521624 ° |
| DWR ID | 20821 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61336_88646.jpg



Land-Side: Screen filters and new pump on landside

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.75 | Rating ** | M | Issue No. | 65 |
| LM End | 0.84 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.230046 ° | 38.229088 ° |
| | | | | -121.524167 ° | -121.525347 ° |
| DWR ID | DWR_RD0556_01_f_2020_65 | | | | |
| 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_2024_RD0556_18_65_20241001_00038.jpg



View looking downstream at vegetation on the landside slope (Fall 2020).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.87 | Rating ** | U | Issue No. | 24 |
| LM End | 0.92 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.228820 ° | 38.228419 ° |
| | | | | -121.525853 ° | -121.526477 ° |
| DWR ID | DWR_RD0556_01_f_2017_24 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_24_20241001_00006.jpg



View of the vegetation on the LS slope (Fall 2022).

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.93 | Rating ** | M | Issue No. | 64 |
| LM End | 0.99 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.228271 ° | 38.227476 ° |
| | | | | -121.526662 ° | -121.527057 ° |
| DWR ID | DWR_RD0556_01_f _ 2024_64 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.20 | Rating ** | M | Issue No. | 42 |
| LM End | 1.53 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.227615 ° | 38.225374 ° |
| | | | | -121.529894 ° | -121.534406 ° |
| DWR ID | DWR_RD0556_01_s_2022_42 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: GEO 10.9 R | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: New erosion throughout site. | | | | | |
| Site History: 2017 - Significant toe erosion and whole bank failure in sections, large pockets from tree popouts. | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.20 | Rating ** | M | Issue No. | 42 (cont) |
| LM End | 1.53 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_18_42_20241001_00022.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_18_42_20241001_00023.jpg



USACE 2018 Erosion Photo #2

| | | | |
|--|--|--|---|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|-------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | U | Issue No. | 45 |
| LM End | 1.33 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.227775 ° | 38.227651 ° |
| | | | | -121.531810 ° | -121.532159 ° |
| DWR ID | DWR_RD0556_01_s _ 2018_45 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus and trim trees. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_45_20241001_00027.jpg



View of the cactus on the LS shoulder (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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 1.33 | Rating ** | M | Issue No. | 109 |
| LM End | 1.33 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.227622° | 38.227622° |
| | | | | -121.532154° | -121.532154° |
| DWR ID | 20825 | | | | |

Comment Code**Inspector Comment**

DS_ID:20825
FS_ID:61398
EP_NO: 13302
Repair Type: Non-Urgent
EVAL Issue: 6, Levee Damage or Threat for Levee Damage
Crossing Status: Found
UCIP Comments: 06/16/2020 Record remains Non-Urgent. Concrete standpipe on landside has been replaced with a pressure tank. Unable to find a permit for modification. Depression around air release vent on landside shoulder about 2 feet in diameter and 1/2-foot deep. (O.Yakimov - DWR UCIP)
05/27/2015 Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. (K.Fazel - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe and 2-inch galvanized iron electrical conduit through the levee, 2 feet below the crown. Siphon valve on the landside (LS) shoulder. Pump, gate valve, and pressure tank at the LS toe. Service pole and electrical box at the LS toe. 6-inch polyvinyl chloride (PVC) standpipe adjacent to the pipe off the LS toe. (6-inch pipe authorized under Permit No. 13302, 1981 - Kaydix Ranch). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 1.32). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 540+85), listed as 2-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 5, Station 540+85, 25 January 1951, Revised 18 Dec. 1952, listed as 2-inch pipe].
FS Date: 6/16/2020 4:21:56 PM

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.33 | Rating ** | M | Issue No. | 109 (cont) |
| LM End | 1.33 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61398_88672.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2024_61398_88671.jpg



Land-Side: Air release valve on levee shoulder. Soil depression around it

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 1.33 | Rating ** | M | Issue No. | 109 (cont) |
| LM End | 1.33 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.227622° | 38.227622° |
| | | | | -121.532154° | -121.532154° |
| DWR ID | 20825 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61398_88673.jpg



Water-Side: Intake pipe at riverbank

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.34 | Rating ** | A/W | Issue No. | 27 |
| LM End | 1.37 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.227521 ° | 38.227320 ° |
| | | | | -121.532393 ° | -121.532710 ° |
| DWR ID | DWR_RD0556_01_s_2013_27 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Concrete at toe of levee is acting like a stability berm. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_27_20241001_00007.jpg



View looking downstream at concrete rubble at landside toe (Fall 2021).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.43 | Rating ** | M | Issue No. | 82 |
| LM End | 1.43 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.226537 ° | 38.226537 ° |
| | | | | -121.533351 ° | -121.533351 ° |
| DWR ID | DWR_RD0556_01_f_2021_82 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_82_20241023_00089.jpg



View of animal holes in landside hinge and slope. (Fall 2024)

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|-------------------------------------|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.43 | Rating ** | A/W | Issue No. | 40 |
| LM End | 1.43 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.226537 ° | 38.226537 ° |
| | | | | -121.533512 ° | -121.533512 ° |
| DWR ID | DWR_RD0556_01_f_2012_40 | | | | |
| Comment Code | | | | | |
| E1 : Note and monitor erosion site. | | | | | |
| Inspector Comment | | | | | |
| Erosion is covered by vegetation. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_40_20241001_00020.jpg



View of the erosion on the LS slope (Fall 2022).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.52 | Rating ** | M | Issue No. | 62 |
| LM End | 1.56 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.225571 ° | 38.225059 ° |
| | | | | -121.534421 ° | -121.534913 ° |
| DWR ID | DWR_RD0556_01_f_2024_62 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 110 |
| LM End | 1.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.225001° | 38.225001° |
| | | | | -121.535007° | -121.535007° |
| DWR ID | 20827 | | | | |

Comment Code**Inspector Comment**

DS_ID:20827
FS_ID:61399
EP_NO: 11169
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record remains Non-Urgent.
Modifications to the crossing have been made after last UCIP inspection. Unable to find a permit for modifications. Enforcement case ENF 9545 open for this crossing. No permit has been identified authorizing original pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
03/27/2015 Dense vegetation on LS and WS limited accessibility. (K.Fazel - DWR - UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 3.5 feet below the crown. Pump, butterfly valve, filler pump and pipe on the waterside (WS) berm. 2-inch electrical conduit through the levee. Service pole with electric meter and panel on waterside shoulder. (10-inch pipe [HLM 1.56] authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 1.56), listed as 10-inch pipe. USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 528+02.1), listed as 10-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 4, near Station 528+00, 25 January 1951, Revised 18 Dec. 1952, listed as 10-inch pipe].
FS Date: 6/17/2020 9:36:26 AM

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 110 (cont) |
| LM End | 1.57 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61399_88676.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2024_61399_88675.jpg



Land-Side: Pipe and junction pole at levee toe

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|------------------------|--------------|-------------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 110 (cont) |
| LM End | 1.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.225001° | 38.225001° | |
| | | | -121.535007° | -121.535007° | |
| DWR ID | 20827 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61399_88679.jpg



Water-Side: Pump, filler pump and line, butterfly valve on levee berm

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 61 |
| LM End | 1.57 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.224974 ° | 38.224974 ° |
| | | | | -121.534978 ° | -121.534978 ° |
| DWR ID | DWR_RD0556_01_f_2024_61 | | | | |
| Comment Code | | | | | |
| ST : Stairway | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_61_20241023_00091.jpg



View of staircase on the landside slope. (Fall 2024)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | M | Issue No. | 59 |
| LM End | 1.57 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.224971 ° | 38.224971 ° |
| | | | | -121.534992 ° | -121.534992 ° |
| DWR ID | DWR_RD0556_01_f_2024_59 | | | | |
| Comment Code | | | | | |
| T2 : Tree or limb. | | | | | |
| Inspector Comment | | | | | |
| Fallen log should be removed from levee shoulder. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_59_20241023_00092.jpg



View of log sitting on the waterside shoulder. (Fall 2024)

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.61 | Rating ** | U | Issue No. | 46 |
| LM End | 1.63 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.224700 ° | 38.224582 ° |
| | | | | -121.535631 ° | -121.536075 ° |
| DWR ID | DWR_RD0556_01_s_2018_46 | | | | |
| 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_2024_RD0556_18_46_20241001_00028.jpg



View looking upstream at thick trees on the landside slope (Spring 2024).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.65 | Rating ** | U | Issue No. | 17 |
| LM End | 1.70 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.224623 ° | 38.224408 ° |
| | | | | -121.536320 ° | -121.537180 ° |
| DWR ID | DWR_RD0556_01_s_2012_17 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Oleanders blocking view down waterside slope | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_17_20241001_00001.jpg



View of the oleander on the WS shoulder and slope (Fall 2022).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.66 | Rating ** | U | Issue No. | 51 |
| LM End | 1.69 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.224487 ° | 38.224355 ° |
| | | | | -121.536492 ° | -121.537055 ° |
| DWR ID | DWR_RD0556_01_f_2019_51 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_51_20241001_00031.jpg



View of the landscaping on the LS slope looking downstream (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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.72 | Rating ** | M | Issue No. | 52 |
| LM End | 1.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.224217 ° | 38.223819 ° |
| | | | | -121.537631 ° | -121.540220 ° |
| DWR ID | DWR_RD0556_01_f _ 2024_52 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.89 | Rating ** | M | Issue No. | 111 |
| LM End | 1.89 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.223760 ° | 38.223760 ° |
| | | | | -121.540629 ° | -121.540629 ° |
| DWR ID | 20829 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20829 FS_ID:61414 EP_NO: 11178 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. Depression on landside levee slope less than 1/2-foot-deep in pipe alignment. Vegetation on both levee slopes. Limited visibility through vegetation restrains complete evaluation of slope condition. Electric meter is energized. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 05/27/2015 Dense vegetation on WS and LS. Some oil leakage inside pumphouse. (K. Fazel - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 2-inch electrical conduit through the levee, next to the 8-inch discharge pipe. 1-inch air valve and pump on the waterside (WS) berm. Service pole on the landside (LS) slope. Tin and wood pump house on the WS berm. 12-foot by 3-foot concrete standpipe on the LS. (8-inch pipe [HLM 1.88] authorized under Automatic Board Order (ABO) issued as Permit No. 11178, 1975 - Allena D. Swett). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 1.88). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 511+00), listed as 8-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 4, Station 511+00, 25 January 1951, Revised 18 Dec. 1952]. FS Date: 6/17/2020 10:33:05 AM | | | | | |

Photo 1 of 3 : UCIP_FA_2024_61414_88746.jpg



Top of Levee: View of levee crown looking downstream

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.89 | Rating ** | M | Issue No. | 111 (cont) |
| LM End | 1.89 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.223760 ° | 38.223760 ° |
| | | | | -121.540629 ° | -121.540629 ° |
| DWR ID | 20829 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61414_88747.jpg



Land-Side: View of levee slope looking from crown. Service pole on shoulder, concrete standpipe at levee toe

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.89 | Rating ** | M | Issue No. | 111 (cont) |
| LM End | 1.89 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61414_88743.jpg



Water-Side: View inside of pumphouse

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.91 | Rating ** | U | Issue No. | 47 |
| LM End | 1.93 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.223736 ° | 38.223673 ° |
| | | | | -121.541036 ° | -121.541453 ° |
| DWR ID | DWR_RD0556_01_s_ 2018_47 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Dense vegetation prevents inspection and access. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_47_20241001_00029.jpg



View of the landscaping on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.97 | Rating ** | C | Issue No. | 83 |
| LM End | 1.99 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.223660 ° | 38.223600 ° |
| | | | | -121.542015 ° | -121.542543 ° |
| DWR ID | DWR_RD0556_01_f_2021_83 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.06 | Rating ** | U | Issue No. | 50 |
| LM End | 2.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.223369 ° | 38.223369 ° |
| | | | | -121.543654 ° | -121.543654 ° |
| DWR ID | DWR_RD0556_01_f_2024_50 | | | | |
| 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_2024_RD0556_18_50_20241023_00093.jpg



View of tall shrubs to be trimmed back on the landside shoulder. (Fall 2024)

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.09 | Rating ** | M | Issue No. | 25 |
| LM End | 2.11 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.223087 ° | 38.222850 ° |
| | | | | -121.544140 ° | -121.544330 ° |
| DWR ID | DWR_RD0556_01_f_2017_25 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.14 | Rating ** | M | Issue No. | 49 |
| LM End | 2.28 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.222469 ° | 38.220505 ° |
| | | | | -121.544528 ° | -121.544217 ° |
| DWR ID | DWR_RD0556_01_f _ 2024_49 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.32 | Rating ** | U | Issue No. | 53 |
| LM End | 2.32 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.219813 ° | 38.219813 ° |
| | | | | -121.544032 ° | -121.544032 ° |
| DWR ID | DWR_RD0556_01_f_2019_53 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_53_20241001_00032.jpg



View of the landscaping on the LS slope (Fall 2022).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.38 | Rating ** | U | Issue No. | 31 |
| LM End | 2.47 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.219037 ° | 38.217781 ° |
| | | | | -121.543847 ° | -121.543817 ° |
| DWR ID | DWR_RD0556_01_s_2017_31 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_31_20241001_00011.jpg



View of the landscaping along the LS slope (Fall 2022).

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|--------------|--|
| LM Start | 2.44 | Rating ** | M | Issue No. | 112 | |
| LM End | 2.44 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.218242° | 38.218242° | |
| | | | | -121.543807° | -121.543807° | |
| DWR ID | 20831 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20831 FS_ID:61499 EP_NO: 11169 Repair Type: Non-Urgent EVAL Issue: 6, Levee Damage or Threat for Levee Damage Crossing Status: Found UCIP Comments: 06/17/2020 Record remains Non-Urgent. 2-foot diameter sinkhole is still present on landside shoulder around air vent, size of hole is not growing over time. Electrical conduit is open on waterside slope with wires cut and not insulated. No permit has been identified authorizing pipe. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 07/12/2018 Hole near air vent on LS slope is still present but haven't increased in size. Pipe was running at the time of site visit, no leaks detected. Downgraded to "Non-Urgent" due to absence of levee threat. (O.Yakimov - DWR UCIP) 05/27/2015 2'x 2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 3.7 feet below the crown. 1-inch air valve. Pump and switch panel on the waterside (WS) berm. Service pole on the landside (LS). 9-foot by 3-foot concrete standpipe on the LS. 3 cables encased in a 1.5-inch steel conduit through the levee and on the WS, alongside the 8-inch pipe, disconnected on the WS. (8-inch pipe [HLM 2.44] authorized under Automatic Board Order (ABO) issued as Permit No. 11169, 1975 - Darrell T. and B. M. Mealer). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 2.44). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 482+49.3), listed as 8-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 3, Station 482+49.3, 25 January 1951, Revised 18 Dec. 1952]. FS Date: 6/17/2020 10:55:51 AM | | | | | | |

Photo 1 of 3 : UCIP_FA_2024_61499_89030.jpg



Land-Side: View of levee slope looking from crown

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 2.44 | Rating ** | M | Issue No. | 112 (cont) |
| LM End | 2.44 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.218242° | 38.218242° |
| | | | | -121.543807° | -121.543807° |
| DWR ID | 20831 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61499_89028.jpg



Land-Side: Sinkhole around air vent on levee shoulder

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.44 | Rating ** | M | Issue No. | 112 (cont) |
| LM End | 2.44 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61499_89034.jpg



Water-Side: Open electrical conduit with wires inside on levee slope

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.51 | Rating ** | U | Issue No. | 54 |
| LM End | 2.54 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.217229 ° | 38.216830 ° |
| | | | | -121.543577 ° | -121.543233 ° |
| DWR ID | DWR_RD0556_01_f_2019_54 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_54_20241001_00033.jpg



View of the landscaping on the LS 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.69 | Rating ** | U | Issue No. | 69 |
| LM End | 2.69 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.215382 ° | 38.215382 ° |
| | | | | -121.541247 ° | -121.541247 ° |
| DWR ID | DWR_RD0556_01_f _ 2020_69 | | | | |
| 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_2024_RD0556_18_69_20241001_00039.jpg



View of the tree on the LS 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.71 | Rating ** | M | Issue No. | 113 |
| LM End | 2.71 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.215234 ° | 38.215234 ° |
| | | | | -121.540972 ° | -121.540972 ° |
| DWR ID | 20848 | | | | |

Comment Code**Inspector Comment**

DS_ID:20848
FS_ID:61501
EP_NO: 11167
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record remains Non-Urgent. Unable to find a permit for sleeving 3-inch pipe through 8-inch pipe. No permit has been identified authorizing original pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
06/05/2015 Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. (K.Fazel - DWR UCIP)
FIELD_STRUCT_DESC: 3-inch steel irrigation discharge pipe sleeved through the 8-inch steel pipe, 3 feet below the crown. Annular space appears to be grouted. 3-inch pipe connected to the pump on the waterside (WS). 0.75-inch primer pipe. Gate valve on the WS berm. Polyvinyl chloride (PVC) standpipe off the landside (LS) toe, previously a 6-foot by 3-foot concrete standpipe. (8-inch pipe [HLM 2.70] authorized under Automatic Board Order (ABO) issued as Permit No. 11167, 1975 - Russel G. Graham). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 2.70). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 468+52.7), listed as 8-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 3, Station 468+52.7, 25 January 1951, Revised 18 Dec. 1952, listed as 8-inch pipe].
FS Date: 6/17/2020 11:55:47 AM

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 2.71 | Rating ** | M | Issue No. | 113 (cont) |
| LM End | 2.71 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61501_89043.jpg



Land-Side: PVC standpipe off levee toe

Photo 2 of 3 : UCIP_FA_2024_61501_89045.jpg



Land-Side: View of piping on landside

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|------------|
| LM Start | 2.71 | Rating ** | M | Issue No. | 113 (cont) |
| LM End | 2.71 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.215234 ° | 38.215234 ° | |
| | | | -121.540972 ° | -121.540972 ° | |
| DWR ID | 20848 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61501_89047.jpg



Water-Side: 3-inch pipe through 8-inch pipe sleeving connection on levee slope

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-----|
| LM Start | 2.71 | Rating ** | M | Issue No. | 114 |
| LM End | 2.71 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.215223 ° | 38.215223 ° | |
| | | | -121.540953 ° | -121.540953 ° | |
| DWR ID | 20833 | | | | |

Comment Code

Inspector Comment

DS_ID:20833
FS_ID:61500
EP_NO: 11167
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Unable to find a permit for sleeving 10-inch pipe through 12-inch pipe. Unauthorized encroachment recorded in Levee Log prior to 2011. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 10-inch steel irrigation pipe sleeved through 12-inch steel pipe through levee, 4.0 feet below crown. Slant pump and gate valve on bank. 2-inch conduit through the levee 2 feet below crown. Service pole at landward toe. (12-inch pipe [HLM 2.7] authorized under Automatic Board Order (ABO) issued as Permit No. 11167, 1975 - Russel G. Graham). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 2.70)].
FS Date: 6/17/2020

Photo 1 of 3 : UCIP_FA_2024_61500_89041.jpg



Top of Levee: View of levee crown looking upstream

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.71 | Rating ** | M | Issue No. | 114 (cont) |
| LM End | 2.71 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.215223 ° | 38.215223 ° |
| | | | | -121.540953 ° | -121.540953 ° |
| DWR ID | 20833 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61500_89035.jpg



Land-Side: View of levee slope looking from crown

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 2.71 | Rating ** | M | Issue No. | 114 (cont) |
| LM End | 2.71 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61500_89039.jpg



Water-Side: 12-inch to 10-inch sleeved pipe connection on levee slope

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.72 | Rating ** | U | Issue No. | 48 |
| LM End | 2.72 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.215085 ° | 38.215085 ° |
| | | | | -121.540724 ° | -121.540724 ° |
| DWR ID | DWR_RD0556_01_f_2018_48 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove wild grapes and bamboo from landside. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_48_20241001_00030.jpg



View of the landscaping on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 2.72 | Rating ** | U | Issue No. | 33 |
| LM End | 2.72 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.215107° | 38.215107° |
| | | | | -121.540677° | -121.540677° |
| DWR ID | DWR_RD0556_01_s _ 2017_33 | | | | |
| Comment Code | | | | | |
| T3 : Fallen tree with root ball. | | | | | |
| Inspector Comment | | | | | |
| Fallen trees on landside. Remove the fallen tree and repair the levee damage. Ivy to be trimmed back to provide access to the fallen tree. | | | | | |

Photo 1 of 2 : FA_2024_RD0556_18_33_20241023_00094.jpg



View of ivy and trees to be trimmed to expose fallen tree on the landside shoulder. (Fall 2024)

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.72 | Rating ** | U | Issue No. | 33 (cont) |
| LM End | 2.72 | Issue Type + | Ma | Location * | LS |

Photo 2 of 2 : FA_2024_RD0556_18_33_20241001_00012.jpg



View of hole in landside slope caused by down tree (Spring 2021).

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.85 | Rating ** | M | Issue No. | 37 |
| LM End | 2.98 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.214144 ° | 38.212577 ° |
| | | | | -121.538692 ° | -121.537244 ° |
| DWR ID | DWR_RD0556_01_s _ 2022_37 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: GEO 9.2 R | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: New erosion along toe. | | | | | |
| Site History: 2017 - Toe erosion. | | | | | |

Photo 1 of 2 : FA_2024_RD0556_18_37_20241001_00017.jpg



USACE 2018 Erosion Photo #1

| | | | | | |
|--|--|---|--|---|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|------------------|
| LM Start | 2.85 | Rating ** | M | Issue No. | 37 (cont) |
| LM End | 2.98 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.214144 ° | 38.212577 ° |
| | | | | -121.538692 ° | -121.537244 ° |
| DWR ID | DWR_RD0556_01_s _ 2022_37 | | | | |

Photo 2 of 2 : FA_2024_RD0556_18_37_20241001_00018.jpg



USACE 2018 Erosion Photo #2

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.97 | Rating ** | M | Issue No. | 78 |
| LM End | 3.03 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.212663 ° | 38.211886 ° |
| | | | | -121.537562 ° | -121.536940 ° |
| DWR ID | DWR_RD0556_01_s _ 2024_78 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.14 | Rating ** | A/W | Issue No. | 28 |
| LM End | 3.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.210985 ° | 38.210160 ° |
| | | | | -121.538372 ° | -121.540300 ° |
| DWR ID | DWR_RD0556_01_f _ 2017_28 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Monitor area for reinfestation of rodents. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_28_20241001_00008.jpg



View of rodent holes on the landside slope. Fall 2023.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.18 | Rating ** | M | Issue No. | 36 |
| LM End | 3.50 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.210674 ° | 38.206919 ° |
| | | | | -121.538854 ° | -121.541559 ° |
| DWR ID | DWR_RD0556_01_s _ 2022_36 | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: GEO 9.0 R | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: Site extended downstream. | | | | | |
| Site History: 2017 - Toe erosion and failed revetment. | | | | | |

Photo 1 of 2 : FA_2024_RD0556_18_36_20241001_00015.jpg



USACE 2018 Erosion Photo #1

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.18 | Rating ** | M | Issue No. | 36 (cont) |
| LM End | 3.50 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : FA_2024_RD0556_18_36_20241001_00016.jpg



USACE 2018 Erosion Photo #2

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.18 | Rating ** | U | Issue No. | 55 |
| LM End | 3.18 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.210745 ° | 38.210745 ° |
| | | | | -121.538967 ° | -121.538967 ° |
| DWR ID | DWR_RD0556_01_f _ 2019_55 | | | | |
| 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 | | | | | |
| Some trimming was done but more work is needed. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_55_20241001_00034.jpg



View of the trees on the LS slope (Fall 2022).

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

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.19 | Rating ** | U | Issue No. | 115 |
| LM End | 3.19 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.210683 ° | 38.210683 ° |
| | | | | -121.539125 ° | -121.539125 ° |
| DWR ID | 20836 | | | | |

Comment Code

Inspector Comment

DS_ID:20836
FS_ID:61291
EP_NO: 11174
Repair Type: Urgent
EVAL Issue: 2a, Levee Integrity
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Urgent. 30-feet long, 3-feet wide, and 1-foot deep trench was excavated along landside levee toe. Soil is wet at the bottom of trench. Soil depression on waterside shoulder in pipe alignment. Intake pipe and pipe from pumphouse towards levee slope have been replaced. Unable to find a permit for modifications. No permit has been identified authorizing original pipe through the levee. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through levee, 3.4 feet below crown. Pump in pump house on berm. Service pole on landward slope. Gate valve located underground and 48-inch concrete standpipe at landside toe. 1-inch electrical conduit at this location. (6-inch pipe [HLM 3.18] authorized under Automatic Board Order (ABO) issued as Permit No. 11174, 1975 - Delores M. Pollard). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 3.18). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 441+19.6), listed as 6-inch pipe. USACE As-Built Drawing No. 50-04-2671, Sheet 2, near Station 440+00, 25 January 1951, Revised 18 Dec. 1952. USACE As-Built Drawing No. 50-04-2631, Sheet 11, Station 441+19.6, March 1950, Revised 16 Dec.1952].
FS Date: 6/17/2020

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 3.19 | Rating ** | U | Issue No. | 115 (cont) |
| LM End | 3.19 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61291_89090.jpg



Water-Side: Soil depression in pipe alignment on levee shoulder

Photo 2 of 3 : UCIP_FA_2024_61291_89084.jpg



Land-Side: Trench at the base of standpipe

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.19 | Rating ** | U | Issue No. | 115 (cont) |
| LM End | 3.19 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.210683 ° | 38.210683 ° |
| | | | | -121.539125 ° | -121.539125 ° |
| DWR ID | 20836 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61291_89086.jpg



Overview of Levee: Overview of trench dug along landside toe

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.22 | Rating ** | U | Issue No. | 38 |
| LM End | 3.23 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.210493 ° | 38.210446 ° |
| | | | | -121.539760 ° | -121.539804 ° |
| DWR ID | DWR_RD0556_01_s_2017_38 | | | | |
| 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 the wild tree growth and vegetation from the landside levee slope and toe so the ground can be seen. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_38_20241001_00019.jpg



View of the wild growth on the LS slope (Spring 2023).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.24 | Rating ** | M | Issue No. | 39 |
| LM End | 3.24 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.210385 ° | 38.210385 ° |
| | | | | -121.539899 ° | -121.539899 ° |
| DWR ID | DWR_RD0556_01_f_2024_39 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.27 | Rating ** | M | Issue No. | 89 |
| LM End | 3.29 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.210114 ° | 38.209895 ° |
| | | | | -121.540342 ° | -121.540579 ° |
| DWR ID | DWR_RD0556_01_f _ 2022_89 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.36 | Rating ** | U | Issue No. | 29 |
| LM End | 3.42 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.208917 ° | 38.208191 ° |
| | | | | -121.541338 ° | -121.541578 ° |
| DWR ID | DWR_RD0556_01_f_2017_29 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Large cactus growing on shoulder and slope should be removed to allow inspection and access. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_29_20241001_00009.jpg



View of the cactus on the LS slope (Fall 2022).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.37 | Rating ** | M | Issue No. | 32 |
| LM End | 3.41 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.208857 ° | 38.208197 ° |
| | | | | -121.541323 ° | -121.541544 ° |
| DWR ID | DWR_RD0556_01_f_2024_32 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.43 | Rating ** | U | Issue No. | 76 |
| LM End | 3.47 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.207955° | 38.207425° |
| | | | | -121.541576° | -121.541663° |
| DWR ID | DWR_RD0556_01_s_2024_76 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| Inspector Comment | | | | | |
| Remove the fencing and hay bales at LS toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_76_20241001_00041.jpg



View of fence and hay bales on the LS slope. (Spring 2024)

| | | | | | |
|-------------------------------|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.46 | Rating ** | U | Issue No. | 58 |
| LM End | 3.46 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.207585° | 38.207585° |
| | | | | -121.541678° | -121.541678° |
| DWR ID | DWR_RD0556_01_f_2019_58 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| Remove concrete debris piles. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_58_20241001_00036.jpg



View of the concrete debris on the WS slope (Fall 2022).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.52 | Rating ** | U | Issue No. | 41 |
| LM End | 3.81 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.206700 ° | 38.202615 ° |
| | | | | -121.541800 ° | -121.540807 ° |
| DWR ID | DWR_RD0556_01_s_2020_41 | | | | |
| 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_2024_RD0556_18_41_20241001_00021.jpg



View looking downstream at vegetation on the landside slope (Fall 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 | |
|--|--|--|--|---|--|---|--|

Reclamation District No. 0556 Upper Andrus

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 3.57 | Rating ** | U | Issue No. | 116 (cont) |
| LM End | 3.57 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.205892° | 38.205892° |
| | | | | -121.541679° | -121.541679° |
| DWR ID | 20840 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61301_89119.jpg



Land-Side: View of levee slope looking from crown

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.57 | Rating ** | U | Issue No. | 116 (cont) |
| LM End | 3.57 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61301_89122.jpg



Land-Side: Sinkhole around air vent on levee shoulder

| | | | | | |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.84 | Rating ** | U | Issue No. | 30 |
| LM End | 3.91 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.202061° | 38.201672° |
| | | | | -121.541113° | -121.542133° |
| DWR ID | DWR_RD0556_01_f_2023_30 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Trim/thin landscaping to allow inspection and access to levee slope and toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_30_20241001_00010.jpg



View of the landscaping on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.93 | Rating ** | U | Issue No. | 34 |
| LM End | 3.98 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.201603 ° | 38.201273 ° |
| | | | | -121.542352 ° | -121.543328 ° |
| DWR ID | DWR_RD0556_01_f_2017_34 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove large cactus from waterside shoulder to allow inspection and access. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_34_20241001_00013.jpg



View of the cactus on the WS shoulder (Fall 2022).

| | | | | | |
|-------------------------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.94 | Rating ** | M | Issue No. | 100 |
| LM End | 3.94 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.201514 ° | 38.201514 ° |
| | | | | -121.542594 ° | -121.542594 ° |
| DWR ID | DWR_RD0556_01_s_2022_100 | | | | |
| Comment Code | | | | | |
| EQ : Equipment | | | | | |
| Inspector Comment | | | | | |
| Move equipment off of landside toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_100_20241001_00047.jpg



View of equipment stored at landside toe (Spring 2022).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.94 | Rating ** | U | Issue No. | 99 |
| LM End | 3.96 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.201514 ° | 38.201402 ° |
| | | | | -121.542595 ° | -121.542958 ° |
| DWR ID | DWR_RD0556_01_s_2022_99 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Blackberries on landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_99_20241001_00046.jpg



View looking downstream at vegetation on the landside slope (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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.01 | Rating ** | M | Issue No. | 26 |
| LM End | 4.01 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.201099° | 38.201099° |
| | | | | -121.543770° | -121.543770° |
| DWR ID | DWR_RD0556_01_f_2024_26 | | | | |
| Comment Code | | | | | |
| DE : Debris | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 101 |
| LM End | 4.02 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.201063 ° | 38.201063 ° |
| | | | | -121.543850 ° | -121.543850 ° |
| DWR ID | DWR_RD0556_01_s_2022_101 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_101_20241001_00048.jpg



View of multiple animal holes in the landside slope (Spring 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | | |
|--|-----------------------------|--------------|----|------------------------|--------------|--|
| LM Start | 4.02 | Rating ** | M | Issue No. | 117 | |
| LM End | 4.02 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | | 38.201035° | 38.201035° | |
| | | | | -121.543936° | -121.543936° | |
| DWR ID | 21581 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:21581 FS_ID:61315 EP_NO: 13030 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. On landside berm pipe diameter changes from 20 inch to 18 inch. Unable to find a permit for modification of this crossing. No permit has been identified authorizing original O&M pipe through the levee. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipes through levee, 4.3 feet below crown. Pumps on landward side and 4-inch air valve. (18-inch pipe [HLM 4.01] authorized under Automatic Board Order (ABO) issued as Permit No. 11175, 1975 - RD0556). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 4.01). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+36.3), listed as 20-inch pipe]. USACE As-Built Drawing No. 50-04-2631, Sheet 10, Station 397+36.3, March 1950, Revised 16 Dec.1952, listed as 20-inch pipe]. FS Date: 6/17/2020 | | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 117 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61315_89138.jpg



Water-Side: Pipes on waterside berm

Photo 2 of 3 : UCIP_FA_2024_61315_89139.jpg



Water-Side: Pipes on waterside berm and levee slope on background

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 117 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.201035 ° | 38.201035 ° |
| | | | | -121.543936 ° | -121.543936 ° |
| DWR ID | 21581 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61315_89137.jpg



Land-Side: View of levee shoulder

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 118 |
| LM End | 4.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.201032 ° | 38.201032 ° |
| | | | | -121.543946 ° | -121.543946 ° |
| DWR ID | 20842 | | | | |

Comment Code**Inspector Comment**

DS_ID:20842
FS_ID:61303
EP_NO: 13030
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. On landside berm pipe diameter changes from 20 inch to 18 inch. Debris of 20-inch pipe welded to 16-inch pipe with open end found next to this crossing on landside berm. Unable to find a permit for modification of this crossing. No permit has been identified authorizing original O&M pipe through the levee. (O.Yakimov - DWR UCIP)
FIELD_STRUCT_DESC: 16-inch steel drainage pipe through levee, 4.3 feet below crown. Pump on landward side and 4-inch air valve. (16-inch pipe [HLM 4.01] authorized under Automatic Board Order (ABO) issued as Permit No. 11175, 1975 - RD0556). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 4.01). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+20.5), listed as 16-inch pipe. USACE As-Built Drawing No. 50-04-2631, Sheet 10, Station 397+20.5, March 1950, Revised 16 Dec.1952, listed as 12-inch pipe].
FS Date: 6/17/2020

Photo 1 of 3 : UCIP_FA_2024_61303_89144.jpg



Top of Levee: View of levee crown looking downstream

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 118 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.201032° | 38.201032° |
| | | | | -121.543946° | -121.543946° |
| DWR ID | 20842 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61303_89147.jpg



Water-Side: Pipes on waterside berm looking from riverbank

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 118 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61303_89160.jpg



Land-Side: View of levee slope looking from toe

| | | | | | |
|--|--|---|--|---|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 119 |
| LM End | 4.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.201022° | 38.201022° |
| | | | | -121.543973° | -121.543973° |
| DWR ID | 21437 | | | | |

Comment Code**Inspector Comment**

DS_ID:21437
FS_ID:61311
EP_NO: 10526
Repair Type: Non-Urgent
EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit
Crossing Status: Found
UCIP Comments: 06/17/2020 Record is Non-Urgent. Pipe diameter field measured as 20-inch on both slopes. Unable to find a permit for modification of this crossing. (O.Yakimov - DWR UCIP)

FIELD_STRUCT_DESC: 24-inch steel drainage pipes 3.5 ft below levee crown. Pumping plant on landside. 6" air valve, concrete saddle & wood beam on waterside. This crossing replaces 24-inch pipe (see DSID 25634). (24-inch pipe authorized under Permit No. 10526, 1975 - Reclamation District 556). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 397+36.3), listed as 24-inch pipe. USACE As-Built Drawing No. 50-04-2631, Sheet 10, Station 397+36.3, March 1950, Revised 16 Dec.1952].
FS Date: 6/17/2020

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 119 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |

Photo 1 of 3 : UCIP_FA_2024_61311_89154.jpg



Top of Levee: View of levee crown looking downstream

Photo 2 of 3 : UCIP_FA_2024_61311_89161.jpg



Land-Side: View of levee slope looking from toe

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|-----------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.02 | Rating ** | M | Issue No. | 119 (cont) |
| LM End | 4.02 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.201022° | 38.201022° |
| | | | | -121.543973° | -121.543973° |
| DWR ID | 21437 | | | | |

Photo 3 of 3 : UCIP_FA_2024_61311_89158.jpg



Water-Side: View of levee slope looking from crown

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.03 | Rating ** | M | Issue No. | 23 |
| LM End | 4.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.200975 ° | 38.200827 ° |
| | | | | -121.544145 ° | -121.544435 ° |
| DWR ID | DWR_RD0556_01_f_2024_23 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove blackberry bushes from landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_23_20241023_00095.jpg



View of vegetation on the landside slope. (Fall 2024)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.08 | Rating ** | C | Issue No. | 22 |
| LM End | 4.08 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.200587 ° | 38.200490 ° |
| | | | | -121.544775 ° | -121.544894 ° |
| DWR ID | DWR_RD0556_01_f_2023_22 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|----------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.40 | Rating ** | M | Issue No. | 102 |
| LM End | 4.57 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.196514 ° | 38.194882 ° |
| | | | | -121.547638 ° | -121.550051 ° |
| DWR ID | DWR_RD0556_01_s _ 2022_102 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Blackberries at LS toe. | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.59 | Rating ** | C | Issue No. | 35 |
| LM End | 4.62 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.194709 ° | 38.194517 ° |
| | | | | -121.550358 ° | -121.550709 ° |
| DWR ID | DWR_RD0556_01_f _ 2023_35 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.64 | Rating ** | C | Issue No. | 71 |
| LM End | 4.64 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.194269 ° | 38.194269 ° |
| | | | | -121.551063 ° | -121.551063 ° |
| DWR ID | DWR_RD0556_01_s _ 2024_71 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.64 | Rating ** | C | Issue No. | 60 |
| LM End | 4.64 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.194264 ° | 38.194264 ° |
| | | | | -121.551063 ° | -121.551063 ° |
| DWR ID | DWR_RD0556_01_s_2024_60 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

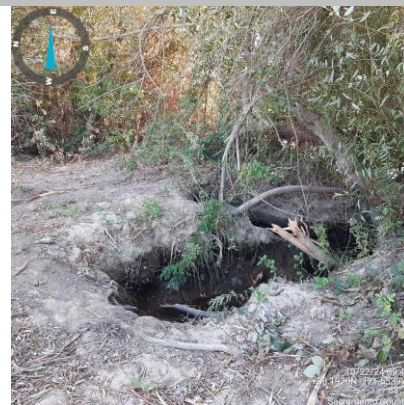
No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.78 | Rating ** | M | Issue No. | 104 |
| LM End | 4.78 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.192881 ° | 38.192881 ° |
| | | | | -121.552895 ° | -121.552895 ° |
| DWR ID | DWR_RD0556_01_s_2022_104 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.87 | Rating ** | A/W | Issue No. | 21 |
| LM End | 4.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 38.192041 ° | 38.192041 ° |
| | | | | -121.554096 ° | -121.554096 ° |
| DWR ID | DWR_RD0556_01_f_2024_21 | | | | |
| Comment Code | | | | | |
| E1 : Note and monitor erosion site. | | | | | |
| Inspector Comment | | | | | |
| Vegetation control revealed large collapsed portion of waterside bank. Erosion believed to be old beaver den that has collapsed and eroded away over time. Erosion is on the waterside berm, outside of the levee prism and will be monitored by the LMA to track erosion progress. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_21_20241023_00096.jpg



View of erosion at the edge of the waterside berm. (Fall 2024)

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|----------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.88 | Rating ** | U | Issue No. | 106 |
| LM End | 4.88 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.191981° | 38.191981° |
| | | | | -121.554180° | -121.554180° |
| DWR ID | DWR_RD0556_01_s _ 2022_106 | | | | |
| Comment Code | | | | | |
| V4 : Elderberries are blocking visibility and flood fight capability. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 4.89 | Rating ** | A/W | Issue No. | 57 |
| LM End | 4.89 | Issue Type + | Ob | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Seepage / Sandboils | | | 38.191846 ° | 38.191846 ° |
| | | | | -121.554315 ° | -121.554315 ° |
| DWR ID | DWR_RD0556_01_s _ 2024_57 | | | | |
| Comment Code | | | | | |
| SS : Seepage / Sandboils | | | | | |
| Inspector Comment | | | | | |
| Possible seepage at LS toe to be monitored. | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 5.12 | Rating ** | M | Issue No. | 20 |
| LM End | 5.34 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.189775° | 38.187369° |
| | | | | -121.557729° | -121.560247° |
| DWR ID | DWR_RD0556_01_s_2022_20 | | | | |

Comment Code**Inspector Comment**

2018 Site ID: GEO 7.0 R
Status: Eroding
2018 Field Notes: Minor new toe erosion.
Site History: 1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2016 - Fresh erosion observed. 2017 - Site extended downstream. Large erosion pockets and significant toe erosion.

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 5.12 | Rating ** | M | Issue No. | 20 (cont) |
| LM End | 5.34 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_18_20_20241001_00003.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_18_20_20241001_00004.jpg



USACE 2018 Erosion Photo #2

| | | |
|--|---|---|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.13 | Rating ** | M | Issue No. | 56 |
| LM End | 5.13 | Issue Type + | En | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.189772 ° | 38.189772 ° |
| | | | | -121.558005 ° | -121.558005 ° |
| DWR ID | DWR_RD0556_01_s _ 2024_56 | | | | |
| Comment Code | | | | | |
| MISC : Miscellaneous | | | | | |
| Inspector Comment | | | | | |
| Bee boxes on the crown should be removed. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_56_20241001_00035.jpg



View of bee boxes on the levee crown. (Spring 2024)

| | | | | | |
|--|----------------------|--------------|----|------------------------|--------------|
| LM Start | 5.33 | Rating ** | M | Issue No. | 120 |
| LM End | 5.33 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.187651° | 38.187651° |
| | | | | -121.560247° | -121.560247° |
| DWR ID | 20847 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20847 FS_ID:61308 EP_NO: 10489 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 06/22/2020 Record is Non-Urgent. Slant pump was removed and replaced with smaller pump on pile structure at riverbank. Unable to find a permit for modification. (O.Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.5 feet below crown. Pump on pile structure at riverbank. 1-inch electrical conduit through levee at this location. Siphon breaker in CMP riser on landward slope. A 9 ft x 42-inch concrete standpipe on landside. Service pole with electric meter and connection panel at landside toe. Two sand media filters on landside. This crossing replaces 6-inch pipe (see DSID 25650). (10-inch pipe authorized under Permit No. 10489, 1975 - Daecie and Gamble). [Additional Reference(s): DWR Levee Log, unk.yr. (HLM 5.32). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station 'R' 327+63.7), listed as 8-inch pipe. USACE As-Built Drawing No. 50-04-2631, Sheet 8, Station 327+63.7, March 1950, Revised 16 Dec.1952, listed as 8-inch pipe]. FS Date: 6/22/2020 | | | | | |

Photo 1 of 3 : UCIP_FA_2024_61308_89184.jpg



Top of Levee: View of levee crown looking downstream

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.33 | Rating ** | M | Issue No. | 120 (cont) |
| LM End | 5.33 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.187651 ° | 38.187651 ° |
| | | | | -121.560247 ° | -121.560247 ° |
| DWR ID | 20847 | | | | |

Photo 2 of 3 : UCIP_FA_2024_61308_89185.jpg



Land-Side: View of levee slope looking from crown

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 5.33 | Rating ** | M | Issue No. | 120 (cont) |
| LM End | 5.33 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_61308_89191.jpg



Water-Side: Pump on pile structure looks recently replaced

| | | | | | |
|-----------------------------------|----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 5.40 | Rating ** | A/W | Issue No. | 107 |
| LM End | 5.40 | Issue Type + | Ob | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Seepage / Sandboils | | | 38.186915 ° | 38.186915 ° |
| | | | | -121.561320 ° | -121.561320 ° |
| DWR ID | DWR_RD0556_01_s _ 2022_107 | | | | |
| Comment Code | | | | | |
| SS : Seepage / Sandboils | | | | | |
| Inspector Comment | | | | | |
| Possible seepage at landside toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_107_20241001_00049.jpg



View of the seepage area and ditch (Spring 2023).

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Georgiana Slough | Right | 5.48 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.46 | Rating ** | M | Issue No. | 90 |
| LM End | 5.48 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.186565 ° | 38.186479 ° |
| | | | | -121.562233 ° | -121.562519 ° |
| DWR ID | DWR_RD0556_01_f _ 2022_90 | | | | |
| Comment Code | | | | | |
| FE : Fence | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

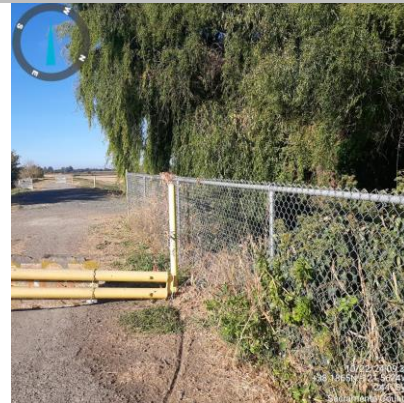
Photo 1 of 1 : FA_2024_RD0556_18_90_20241001_00044.jpg



View of the fence on the on LS shoulder (Fall 2022).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.48 | Rating ** | M | Issue No. | 44 |
| LM End | 5.48 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.186448 ° | 38.186447 ° |
| | | | | -121.562673 ° | -121.562674 ° |
| DWR ID | DWR_RD0556_01_s_2021_44 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_18_44_20241023_00100.jpg



View looking downstream landscaping shrubs on the landside slope (Fall 2024).

| | | |
|--|---|---|
| * 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
Unit Cover Sheet**

Reclamation District No. 0556 Upper Andrus

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|-------------------------------------|---------------------------------|
| Unit No. 02 Sacramento River | | | Left | 5.72 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 4/18/2024 - 4/18/2024 | | 10/22/2024 - 10/22/2024 | |
| DWR Inspector | Gregg McMillon | | Gregg McMillon | |
| Accompanied By | | | Emily Pappalardo DCC Engineering | |

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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.02 | Rating ** | U | Issue No. | 92 |
| LM End | 0.14 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.239117° | 38.238887° |
| | | | | -121.518554° | -121.520789° |
| DWR ID | DWR_RD0556_02_s_2022_92 | | | | |
| Comment Code | | | | | |
| A1 : Exterminate rodents and backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| Multiple rodent holes on the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_92_20241001_00057.jpg



View of the rodent holes looking up the LS slope (Fall 2022).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.08 | Rating ** | M | Issue No. | 42 |
| LM End | 0.13 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.239029 ° | 38.238986 ° |
| | | | | -121.519667 ° | -121.520607 ° |
| DWR ID | DWR_RD0556_02_s_2021_42 | | | | |
| 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 | | | | | |
| | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.27 | Rating ** | U | Issue No. | 116 |
| LM End | 0.27 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.238564 ° | 38.238564 ° |
| | | | | -121.523162 ° | -121.523162 ° |
| DWR ID | 20858 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20858 FS_ID:76291 EP_NO: 11179 Repair Type: Urgent EVAL Issue: 2a, Levee Integrity Crossing Status: Found UCIP Comments: 05/12/2022 The record has been upgraded from No Action Needed to Urgent. WS slope and berm near water has significant erosion greater than 1 foot. There is also excavation around the WS berm exposing the pipe that is greater than 1 foot. Recommend filling in excavations that are causing a safety hazard. Crossing will be monitored until funding becomes available to address the issues. No permit other than ABO was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lau. (H. Dunn ? GEI) FIELD_STRUCT_DESC: 12-inch irrigation discharge pipe of an unknown material through the levee, 4.8 feet below the crown. Pump on a pile structure in the river. Service pole on each slope. (12-inch pipe [HLM 0.29] authorized under Automatic Board Order (ABO) issued as Permit No. 11179, 1975 - George K. Adams Ranches, Inc). [Additional Reference(s): DWR Levee Log, year unknown (HLM 0.29)]. FS Date: 5/12/2022 1:22:06 PM | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 0.27 | Rating ** | U | Issue No. | 116 (cont) |
| LM End | 0.27 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76291_113332.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76291_113334.jpg



LS view: Toe from crown.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 0.27 | Rating ** | U | Issue No. | 116 (cont) |
| LM End | 0.27 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.238564 ° | 38.238564 ° |
| | | | | -121.523162 ° | -121.523162 ° |
| DWR ID | 20858 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76291_113335.jpg



LS view: Closeup of exposed pipe on slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.35 | Rating ** | M | Issue No. | 74 |
| LM End | 0.42 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238371 ° | 38.238193 ° |
| | | | | -121.524633 ° | -121.525820 ° |
| DWR ID | DWR_RD0556_02_f_2024_74 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.42 | Rating ** | M | Issue No. | 39 |
| LM End | 0.42 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.238167 ° | 38.238167 ° |
| | | | | -121.525878 ° | -121.525878 ° |
| DWR ID | DWR_RD0556_02_s_2021_39 | | | | |
| 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 | | | | | |
| | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 0.49 | Rating ** | U | Issue No. | 117 |
| LM End | 0.49 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.237959° | 38.237959° |
| | | | | -121.527109° | -121.527109° |
| DWR ID | 20850 | | | | |

Comment Code**Inspector Comment**

DS_ID:20850
FS_ID:76292
EP_NO: 11179
Repair Type: Urgent
EVAL Issue: 2b, Levee Integrity
Crossing Status: Found
UCIP Comments: 05/12/2022 The record has been upgraded from No Action Needed to Urgent. Deep hole greater than 1 foot on LS berm around pipe covered with leaves and causing a fall and safety concern. Recommend filling in with dirt. LS riser missing lid. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lau. (H. Dunn ? GEI) 04/25/2013 Pump house and gate valve not found. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 4.8 feet below the crown. Slant pump and gate valve on the riverbank. Siphon breaker and service pole on the landside (LS) slope. Concrete spill box on the LS. (10-inch pipe [HLM 0.49] authorized under Automatic Board Order (ABO) issued as Permit No. 11179, 1975 - George K. Adams Ranches, Inc). [Additional Reference(s): DWR Levee Log, year unknown (HLM 0.49). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "J" 217+52), listed as 10-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 4, Station 217+52 "J"].
FS Date: 5/12/2022 1:22:55 PM

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.49 | Rating ** | U | Issue No. | 117 (cont) |
| LM End | 0.49 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76292_113345.jpg



Levee crown with some visible cracking.

Photo 2 of 3 : UCIP_FA_2024_76292_113346.jpg



LS view: Slope and toe from crown.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 0.49 | Rating ** | U | Issue No. | 117 (cont) |
| LM End | 0.49 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.237959 ° | 38.237959 ° |
| | | | | -121.527109 ° | -121.527109 ° |
| DWR ID | 20850 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76292_113347.jpg



LS view: Closeup of meter pole.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.53 | Rating ** | U | Issue No. | 25 |
| LM End | 0.56 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.237833 ° | 38.237725 ° |
| | | | | -121.527766 ° | -121.528428 ° |
| DWR ID | DWR_RD0556_02_f _ 2017_25 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Trim/thin oleanders on the landside of the levee. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_25_20241001_00017.jpg



View of oleanders on the landside of the levee.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.70 | Rating ** | U | Issue No. | 38 |
| LM End | 0.70 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Vehicle Traffic | | | 38.237444 ° | 38.237444 ° |
| | | | | -121.530852 ° | -121.530852 ° |
| DWR ID | DWR_RD0556_02_s_2024_38 | | | | |
| Comment Code | | | | | |
| E6 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. | | | | | |
| Inspector Comment | | | | | |
| LS slope needs to be backfilled and regraded to fix vehicle ruts. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_38_20241001_00028.jpg



View of vehicle rut on LS slope. (Spring 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.74 | Rating ** | U | Issue No. | 81 |
| LM End | 0.85 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.237577 ° | 38.237842 ° |
| | | | | -121.531594 ° | -121.533616 ° |
| DWR ID | DWR_RD0556_02_f_2023_81 | | | | |
| 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_2024_RD0556_19_81_20241001_00051.jpg



View looking upstream at thick vegetation on the landside slope (Fall 2021).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.80 | Rating ** | M | Issue No. | 43 |
| LM End | 0.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.237755 ° | 38.237911 ° |
| | | | | -121.532793 ° | -121.534045 ° |
| DWR ID | DWR_RD0556_02_f_2024_43 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 0.94 | Rating ** | M | Issue No. | 118 |
| LM End | 0.94 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.238125° | 38.238125° |
| | | | | -121.535267° | -121.535267° |
| DWR ID | 20851 | | | | |

Comment Code**Inspector Comment**

DS_ID:20851
FS_ID:76293
EP_NO: 11186
Repair Type: Non-Urgent
EVAL Issue: 6, Levee Damage or Threat for Levee Damage
Crossing Status: Found
UCIP Comments: 05/12/2022 The record remains Non-Urgent. The plastic tank on WS is still leaking, causing minor erosion on the WS slope. Recommend repair of tank or hose to prevent further erosion. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI)

04/25/2013 a concrete box on LS. Water is leaking from priming plastic tank and causing surface erosion on levee slope. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 4-inch steel irrigation discharge pipe through the levee, 4.3 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) berm. Siphon breaker and service pole on the landside (LS) slope. Concrete spill box with three 8-inch openings. (4-inch pipe [HLM 0.95] authorized under Automatic Board Order (ABO) issued as Permit No. 11186, 1975 - Margaret M. Marks). [Additional Reference(s): DWR Levee Log, year unknown (HLM 0.95). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "J" 192+00), listed as 6-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 4, 192+00 "J", listed as 6-inch pipe].
FS Date: 5/12/2022 3:13:00 PM

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 0.94 | Rating ** | M | Issue No. | 118 (cont) |
| LM End | 0.94 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76293_113385.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76293_113386.jpg



WS view: Pump house and tank on slope from crown.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 0.94 | Rating ** | M | Issue No. | 118 (cont) |
| LM End | 0.94 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.238125° | 38.238125° |
| | | | | -121.535267° | -121.535267° |
| DWR ID | 20851 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76293_113380.jpg



WS view: Closeup of pump in pumphouse on slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 0.94 | Rating ** | M | Issue No. | 44 |
| LM End | 1.22 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.238148° | 38.239335° |
| | | | | -121.535256° | -121.540247° |
| DWR ID | DWR_RD0556_02_f_2024_44 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.96 | Rating ** | M | Issue No. | 28 |
| LM End | 1.07 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238255 ° | 38.238683 ° |
| | | | | -121.535635 ° | -121.537438 ° |
| DWR ID | DWR_RD0556_02_f_2024_28 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 19 |
| LM End | 1.15 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.238772° | 38.239265° |
| | | | | -121.536788° | -121.538845° |
| DWR ID | DWR_RD0556_02_s_2022_19 | | | | |

Comment Code**Inspector Comment**

2018 Site ID: SAC 25.2 L
Status: Eroding
2018 Field Notes: Additional erosion along toe. Site extended upstream.
Site History: 1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area.
2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015 - Minor new erosion at toe. 2017 - Minor new erosion observed.

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 1.03 | Rating ** | M | Issue No. | 19 (cont) |
| LM End | 1.15 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_19_19_20241001_00015.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_19_19_20241001_00016.jpg



USACE 2018 Erosion Photo #2

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.11 | Rating ** | U | Issue No. | 26 |
| LM End | 1.11 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238857 ° | 38.238857 ° |
| | | | | -121.538310 ° | -121.538310 ° |
| DWR ID | DWR_RD0556_02_f _ 2017_26 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Trim/thin oleanders on the landside of the levee. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_26_20241001_00018.jpg



View of the oleander on the LS slope (Fall 2022).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.15 | Rating ** | C | Issue No. | 87 |
| LM End | 1.15 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.238977 ° | 38.238977 ° |
| | | | | -121.538872 ° | -121.538872 ° |
| DWR ID | DWR_RD0556_02_s_2022_87 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.20 | Rating ** | M | Issue No. | 75 |
| LM End | 1.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.239226 ° | 38.239473 ° |
| | | | | -121.539869 ° | -121.540962 ° |
| DWR ID | DWR_RD0556_02_s_2022_75 | | | | |
| 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_2024_RD0556_19_75_20241001_00046.jpg



View of animal holes in the landside slope (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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 1.22 | Rating ** | U | Issue No. | 119 |
| LM End | 1.22 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.239327° | 38.239327° |
| | | | | -121.540190° | -121.540190° |
| DWR ID | 20852 | | | | |

Comment Code**Inspector Comment**

DS_ID:20852
FS_ID:76294
EP_NO: 11187
Repair Type: Urgent
EVAL Issue: 3b, Flood Risk
Crossing Status: Found
UCIP Comments: 05/12/2022 The record has been upgraded from Non-Urgent to Urgent. Still a gap between the 6 and 10-inch pipe that should be grouted, as it's causing a flood risk concern. Unable to find a permit for pipe sleeving. Appears abandoned, due to disconnected pump and pipe on LS toe. Owner will need to coordinate with the CVFPB to meet Title 23 requirements. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI) 04/25/2013 Gap between 6-inch pipe and 10-inch pipe needs to be sealed. (P. Amatya - DWR)
FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe sleeved through a 10-inch steel pipe through the levee, 4.8 feet below the crown. Pump on the riverbank. (10-inch pipe [HLM 1.22] authorized under Automatic Board Order (ABO) issued as Permit No. 11187, 1975 - Ernest and Alvine Machado). [Additional Reference(s): DWR Levee Log, year unknown (HLM 1.22), listed as 10-inch pipe].
FS Date: 5/12/2022 3:24:55 PM

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 1.22 | Rating ** | U | Issue No. | 119 (cont) |
| LM End | 1.22 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76294_113391.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76294_113392.jpg



LS view: Pipe visible on the slope from crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|--------------|
| LM Start | 1.22 | Rating ** | U | Issue No. | 119 (cont) |
| LM End | 1.22 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.239327° | 38.239327° |
| | | | | -121.540190° | -121.540190° |
| DWR ID | 20852 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76294_113393.jpg



LS view: Closeup of gap between pipe on slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.31 | Rating ** | U | Issue No. | 48 |
| LM End | 1.39 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.239640 ° | 38.239917 ° |
| | | | | -121.541690 ° | -121.543280 ° |
| DWR ID | DWR_RD0556_02_f_2024_48 | | | | |
| 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_2024_RD0556_19_48_20241106_00094.jpg



View of tall vegetation on the waterside hinge. (Fall 2024)

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.32 | Rating ** | M | Issue No. | 115 |
| LM End | 1.32 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.239681 ° | 38.239681 ° |
| | | | | -121.541945 ° | -121.541945 ° |
| DWR ID | DWR_RD0556_02_f_2021_115 | | | | |
| 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_2024_RD0556_19_115_20241001_00060.jpg



View of the trees on the LS 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 49 |
| LM End | 1.55 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240090 ° | 38.240438 ° |
| | | | | -121.544084 ° | -121.546003 ° |
| DWR ID | DWR_RD0556_02_f _ 2024_49 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 18 |
| LM End | 1.59 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.240401 ° | 38.240772 ° |
| | | | | -121.544106 ° | -121.546791 ° |
| DWR ID | DWR_RD0556_02_s_2022_18 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: SAC 24.8 L | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: Site extended upstream. | | | | | |
| Site History: 1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion. | | | | | |
| 2013 - There is little to no berm remaining at downstream end of this site. 2016 - New erosion on levee slope. 2017 - Significant lower bank erosion. | | | | | |

Photo 1 of 2 : FA_2024_RD0556_19_18_20241001_00013.jpg



USACE 2018 Erosion Photo #1

| | | | | | |
|--|--|---|--|---|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 18 (cont) |
| LM End | 1.59 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.240401° | 38.240772° |
| | | | | -121.544106° | -121.546791° |
| DWR ID | DWR_RD0556_02_s_2022_18 | | | | |

Photo 2 of 2 : FA_2024_RD0556_19_18_20241001_00014.jpg



USACE 2018 Erosion Photo #2

| | | | | | |
|-------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.47 | Rating ** | U | Issue No. | 41 |
| LM End | 1.47 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240175 ° | 38.240175 ° |
| | | | | -121.544683 ° | -121.544683 ° |
| DWR ID | DWR_RD0556_02_s_2018_41 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Cactus on the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_41_20241106_00095.jpg



View of cactus and other landscaping on the landside slope. (Fall 2024)

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.57 | Rating ** | U | Issue No. | 47 |
| LM End | 1.57 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240455 ° | 38.240455 ° |
| | | | | -121.546362 ° | -121.546362 ° |
| DWR ID | DWR_RD0556_02_s_2019_47 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus from the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_47_20241001_00032.jpg



View of the cactus on the LS slope (Fall 2022).

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.58 | Rating ** | C | Issue No. | 53 |
| LM End | 1.61 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240566 ° | 38.240636 ° |
| | | | | -121.546631 ° | -121.547040 ° |
| DWR ID | DWR_RD0556_02_s_2024_53 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.78 | Rating ** | M | Issue No. | 120 |
| LM End | 1.78 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.240998 ° | 38.240998 ° |
| | | | | -121.550265 ° | -121.550265 ° |
| DWR ID | 20854 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20854 FS_ID:76296 EP_NO: N/A Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 05/12/2022 The record has been upgraded from No Action Needed to Non-Urgent. Modification of new filtration system on LS toe. No permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. Pump was running during. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI) 4/25/2013 Pump was running during field survey. (P. Amatya - DWR) FIELD_STRUCT_DESC: 8-inch steel irrigation discharge pipe through the levee, 5.5 feet below the crown. Pump and gate valve on the waterside (WS) berm. Siphon breaker and service pole on the landside (LS) slope. Concrete standpipe on the LS. (8-inch pipe [HLM 1.78] authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log, year unknown (HLM 1.78). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "J" 149+10), listed as 8-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 3, 149+10 "J"]. FS Date: 5/12/2022 3:39:19 PM | | | | | |

Photo 1 of 3 : UCIP_FA_2024_76296_113408.jpg



Levee crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 1.78 | Rating ** | M | Issue No. | 120 (cont) |
| LM End | 1.78 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.240998 ° | 38.240998 ° |
| | | | | -121.550265 ° | -121.550265 ° |
| DWR ID | 20854 | | | | |

Photo 2 of 3 : UCIP_FA_2024_76296_113409.jpg



LS view: Slope with pipe and toe from crown.

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 1.78 | Rating ** | M | Issue No. | 120 (cont) |
| LM End | 1.78 | Issue Type + | En | Location * | |

Photo 3 of 3 : UCIP_FA_2024_76296_113410.jpg



LS view: Closeup of pipe on slope from toe.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.79 | Rating ** | M | Issue No. | 54 |
| LM End | 1.79 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.241020 ° | 38.241020 ° |
| | | | | -121.550339 ° | -121.550339 ° |
| DWR ID | DWR_RD0556_02_s _ 2024_54 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Thin bushes growing on LS slope. | | | | | |

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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.82 | Rating ** | U | Issue No. | 70 |
| LM End | 1.92 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.241010 ° | 38.240618 ° |
| | | | | -121.551033 ° | -121.552747 ° |
| DWR ID | DWR_RD0556_02_f _ 2018_70 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Thin oleanders to allow view down the levee slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_70_20241001_00043.jpg



View of the oleander on the WS slope (Spring 2023).

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.83 | Rating ** | U | Issue No. | 86 |
| LM End | 1.87 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240944 ° | 38.240851 ° |
| | | | | -121.551078 ° | -121.551833 ° |
| DWR ID | DWR_RD0556_02_f_2023_86 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_86_20241106_00096.jpg



View looking at landscaping on the landside slope (Fall 2024).

| | | | | | |
|--------------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 1.89 | Rating ** | U | Issue No. | 30 |
| LM End | 1.99 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.240775 ° | 38.240024 ° |
| | | | | -121.552183 ° | -121.553860 ° |
| DWR ID | DWR_RD0556_02_f_2017_30 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus on the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_30_20241001_00021.jpg



View of the cactus on the LS 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|-------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.02 | Rating ** | U | Issue No. | 68 |
| LM End | 2.06 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.239807 ° | 38.239409 ° |
| | | | | -121.554221 ° | -121.554889 ° |
| DWR ID | DWR_RD0556_02_f _ 2021_68 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_68_20241001_00042.jpg



View looking downstream at landscaping on the waterside slope (Fall 2021).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.06 | Rating ** | U | Issue No. | 32 |
| LM End | 2.06 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.239470 ° | 38.239470 ° |
| | | | | -121.554845 ° | -121.554845 ° |
| DWR ID | DWR_RD0556_02_s_2020_32 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Arundo growth should be removed to allow inspection and access to the landside slope and toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_32_20241001_00023.jpg



View of the arundo on the LS slope (Fall 2022).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.07 | Rating ** | C | Issue No. | 77 |
| LM End | 2.11 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.239304 ° | 38.238996 ° |
| | | | | -121.554982 ° | -121.555454 ° |
| DWR ID | DWR_RD0556_02_s_2021_77 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|------------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.10 | Rating ** | M | Issue No. | 112 |
| LM End | 2.10 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.239061 ° | 38.239061 ° |
| | | | | -121.555353 ° | -121.555353 ° |
| DWR ID | DWR_RD0556_02_f_2021_112 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove century plants. | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.12 | Rating ** | M | Issue No. | 56 |
| LM End | 2.12 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.238866 ° | 38.238866 ° |
| | | | | -121.555672 ° | -121.555672 ° |
| DWR ID | DWR_RD0556_02_s_2024_56 | | | | |
| Comment Code | | | | | |
| PR : Prunings | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.13 | Rating ** | U | Issue No. | 73 |
| LM End | 2.17 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238760 ° | 38.238312 ° |
| | | | | -121.555764 ° | -121.556357 ° |
| DWR ID | DWR_RD0556_02_s_2021_73 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_73_20241001_00045.jpg



View looking downstream at thick landscaping trees on the landside slope (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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.14 | Rating ** | U | Issue No. | 2 |
| LM End | 2.14 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238644 ° | 38.238644 ° |
| | | | | -121.555967 ° | -121.555967 ° |
| DWR ID | DWR_RD0556_02_f_2020_2 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Trim oleanders on the waterside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_2_20241106_00097.jpg



View looking upstream oleanders on the waterside slope (Fall 2024).

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.19 | Rating ** | U | Issue No. | 33 |
| LM End | 2.22 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.238172 ° | 38.237883 ° |
| | | | | -121.556502 ° | -121.556958 ° |
| DWR ID | DWR_RD0556_02_f_2017_33 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Large growth of prickly pear cactus should be removed to allow inspection and access. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_33_20241001_00024.jpg



View of the cactus on the LS slope (Fall 2022).

| | | | | | |
|---------------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.23 | Rating ** | U | Issue No. | 111 |
| LM End | 2.23 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.237741 ° | 38.237741 ° |
| | | | | -121.557062 ° | -121.557062 ° |
| DWR ID | DWR_RD0556_02_f_2021_111 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Cactus on landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_111_20241001_00059.jpg



View of thick vegetation on 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.25 | Rating ** | M | Issue No. | 121 |
| LM End | 2.25 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.237553 ° | 38.237553 ° |
| | | | | -121.557291 ° | -121.557291 ° |
| DWR ID | 20857 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20857 FS_ID:76299 EP_NO: 5986 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 05/12/2022 The record has been upgraded from No Action Needed to Non-Urgent. Modifications to crossing, pump and pipe sections on WS appear new and new filtration system on LS toe . The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI 04/25/2013 Service pole on LS. Siphon breaker not found on landward slope. (P. Amatya - DWR) FIELD_STRUCT_DESC: 12-inch steel irrigation discharge pipe through the levee, 3.5 feet below the crown. Pump on the waterside (WS) slope. 1.25-inch and 2-inch electrical conduits through the levee. (Installation of a discharge pipe through the levee authorized under Permit No. 5986, 1968 - Malcolm McCormack. 2-inch electrical conduit to water pump authorized under Permit No. 14255, 1985 - Chuck Sterne). [Additional Reference(s): DWR Levee Log, year unknown (HLM 2.25), listed as 12-inch pipe and 1.25-inch electric conduit]. FS Date: 5/12/2022 4:03:00 PM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 2.25 | Rating ** | M | Issue No. | 121 (cont) |
| LM End | 2.25 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76299_113424.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76299_113425.jpg



WS view: Toe from crown.

| | | | | |
|--|--|---|--|---|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 2.25 | Rating ** | M | Issue No. | 121 (cont) |
| LM End | 2.25 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.237553 ° | 38.237553 ° |
| | | | | -121.557291 ° | -121.557291 ° |
| DWR ID | 20857 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76299_113418.jpg



WS view: Closeup of pipe on slope.

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.28 | Rating ** | M | Issue No. | 1 |
| LM End | 2.28 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.237156 ° | 38.237156 ° |
| | | | | -121.557640 ° | -121.557640 ° |
| DWR ID | DWR_RD0556_02_f_2015_1 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| These unauthorized planted redwoods have been reported in the past inspections. The District needs to have the owner remove them from the levee slope. | | | | | |

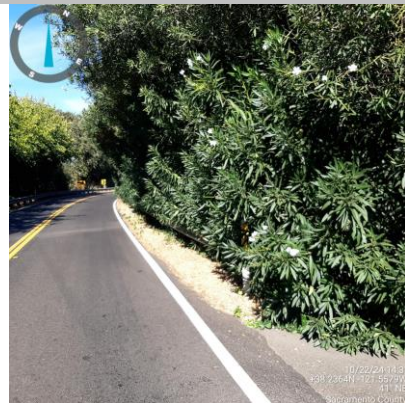
Photo 1 of 1 : FA_2024_RD0556_19_1_20241001_00001.jpg



View of unauthorized redwood trees planted on the slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.29 | Rating ** | U | Issue No. | 35 |
| LM End | 2.33 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.237060 ° | 38.236545 ° |
| | | | | -121.557782 ° | -121.557910 ° |
| DWR ID | DWR_RD0556_02_f_2017_35 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Trim/thin oleanders to allow inspection and access to landside slope and toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_35_20241106_00100.jpg



View of oleanders on the landside slope. (Fall 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 2.34 | Rating ** | C | Issue No. | 83 |
| LM End | 2.34 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.236300° | 38.236300° |
| | | | | -121.558008° | -121.558008° |
| DWR ID | DWR_RD0556_02_f_2021_83 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.37 | Rating ** | C | Issue No. | 72 |
| LM End | 2.37 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.235900 ° | 38.235900 ° |
| | | | | -121.558041 ° | -121.558041 ° |
| DWR ID | DWR_RD0556_02_s_2021_72 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.39 | Rating ** | U | Issue No. | 89 |
| LM End | 2.39 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.235578 ° | 38.235578 ° |
| | | | | -121.558105 ° | -121.558105 ° |
| DWR ID | DWR_RD0556_02_f_2021_89 | | | | |
| 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_2024_RD0556_19_89_20241001_00054.jpg



View looking downstream at thick trees on the waterside 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.42 | Rating ** | M | Issue No. | 122 |
| LM End | 2.42 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.235261 ° | 38.235261 ° |
| | | | | -121.558059 ° | -121.558059 ° |
| DWR ID | 20859 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20859 FS_ID:76301 EP_NO: 11181 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 05/12/2022 The record remains Non-Urgent. LS riser is filled with dirt, recommend cleaning out. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI) 04/25/2014 Needs to clean CMP riser for proper functioning of siphon breaker. (P. Amatya - DWR) FIELD_STRUCT_DESC: 10-inch steel irrigation discharge pipe through the levee, 5.8 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker and service pole on the landside (LS) slope. (10-inch pipe [HLM 2.41] authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log, year unknown (HLM 2.41). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "J" 115+25), listed as 10-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 3, Station 115+25 "J"]. FS Date: 5/12/2022 4:20:11 PM | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 2.42 | Rating ** | M | Issue No. | 122 (cont) |
| LM End | 2.42 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76301_113433.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76301_113435.jpg



LS view: Riser visible at toe from crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-------------------|
| LM Start | 2.42 | Rating ** | M | Issue No. | 122 (cont) |
| LM End | 2.42 | Issue Type + | En | Location * | |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.235261 ° | 38.235261 ° | |
| | | | -121.558059 ° | -121.558059 ° | |
| DWR ID | 20859 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76301_113436.jpg



LS view: Closeup of riser and pipe at toe.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.43 | Rating ** | U | Issue No. | 45 |
| LM End | 2.45 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.235036 ° | 38.234721 ° |
| | | | | -121.558011 ° | -121.557952 ° |
| DWR ID | DWR_RD0556_02_s_2019_45 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus from the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_45_20241001_00030.jpg



View of the cactus on the LS slope (Fall 2022).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.44 | Rating ** | U | Issue No. | 90 |
| LM End | 2.44 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.234843 ° | 38.234843 ° |
| | | | | -121.558028 ° | -121.558028 ° |
| DWR ID | DWR_RD0556_02_f_2021_90 | | | | |
| 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_2024_RD0556_19_90_20241001_00055.jpg



View of thick willows on the waterside slope (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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|------------------------------------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 2.54 | Rating ** | U | Issue No. | 76 |
| LM End | 2.54 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.233487° | 38.233487° |
| | | | | -121.557639° | -121.557639° |
| DWR ID | DWR_RD0556_02_s _ 2020_76 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus on the landside toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_76_20241001_00047.jpg



View of large cactus on the landside slope (Fall 2020).

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.59 | Rating ** | C | Issue No. | 67 |
| LM End | 2.59 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.232883 ° | 38.232883 ° |
| | | | | -121.557301 ° | -121.557301 ° |
| DWR ID | DWR_RD0556_02_s _ 2022_67 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.59 | Rating ** | M | Issue No. | 57 |
| LM End | 2.80 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.232827 ° | 38.230116 ° |
| | | | | -121.557263 ° | -121.555635 ° |
| DWR ID | DWR_RD0556_02_s _ 2024_57 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.73 | Rating ** | C | Issue No. | 69 |
| LM End | 2.73 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.230962 ° | 38.230962 ° |
| | | | | -121.556101 ° | -121.556101 ° |
| DWR ID | DWR_RD0556_02_s_2021_69 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.75 | Rating ** | U | Issue No. | 88 |
| LM End | 2.75 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.230752 ° | 38.230752 ° |
| | | | | -121.556007 ° | -121.556007 ° |
| DWR ID | DWR_RD0556_02_f_2019_88 | | | | |
| Comment Code | | | | | |
| T2 : Tree or limb. | | | | | |
| Inspector Comment | | | | | |
| Broken tree limb blocking view of landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_88_20241001_00053.jpg



View of the tree limb on the LS slope (Fall 2022).

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.80 | Rating ** | M | Issue No. | 64 |
| LM End | 2.80 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.230021 ° | 38.230021 ° |
| | | | | -121.555557 ° | -121.555557 ° |
| DWR ID | DWR_RD0556_02_s_2022_64 | | | | |
| 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 | | | | | |
| | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.84 | Rating ** | M | Issue No. | 123 |
| LM End | 2.84 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.229524 ° | 38.229524 ° |
| | | | | -121.555404 ° | -121.555404 ° |
| DWR ID | 20849 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20849 FS_ID:76302 EP_NO: 11181 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Found UCIP Comments: 05/12/2022 The record remains Non-Urgent. Appears abandoned, no pump or pipe seen in WS pumphouse. Owner will need to coordinate with the CVFPB to meet Title 23 requirements. LS riser is filled with dirt, recommend removal if still in use. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI)04/25/2014 Needs to clean siphon breaker CMP riser. (P. Amatya - DWR) FIELD_STRUCT_DESC: 6-inch irrigation discharge pipe of an unknown material through the levee, 6 feet below the crown. Pressure tank in a pump house on the waterside (WS) berm. Service pole, siphon breaker, and distribution box on the landside (LS) slope. (6-inch pipe [HLM 2.84] authorized under Automatic Board Order (ABO) issued as Permit No. 11181, 1975 - Robert E. and G. P. Collins). [Additional Reference(s): DWR Levee Log, year unknown (HLM 2.84)]. FS Date: 5/12/2022 4:27:14 PM | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 2.84 | Rating ** | M | Issue No. | 123 (cont) |
| LM End | 2.84 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76302_113440.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76302_113441.jpg



WS view: Pumphouse visible on toe from crown.

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

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.84 | Rating ** | M | Issue No. | 123 (cont) |
| LM End | 2.84 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.229524 ° | 38.229524 ° |
| | | | | -121.555404 ° | -121.555404 ° |
| DWR ID | 20849 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76302_113442.jpg



WS view: Tank inside pumphouse, no pump.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.86 | Rating ** | U | Issue No. | 46 |
| LM End | 2.87 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.229195 ° | 38.229082 ° |
| | | | | -121.555337 ° | -121.555316 ° |
| DWR ID | DWR_RD0556_02_f_2019_46 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_46_20241001_00031.jpg



View of the landscaping on the LS slope (Fall 2022).

| | | | | | |
|--------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 2.99 | Rating ** | M | Issue No. | 29 |
| LM End | 2.99 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.227411 ° | 38.227411 ° |
| | | | | -121.555195 ° | -121.555195 ° |
| DWR ID | DWR_RD0556_02_f_2024_29 | | | | |
| Comment Code | | | | | |
| T2 : Tree or limb. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.07 | Rating ** | U | Issue No. | 124 |
| LM End | 3.07 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.226225 ° | 38.226225 ° |
| | | | | -121.555236 ° | -121.555236 ° |
| DWR ID | 20862 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:20862 FS_ID:76303 EP_NO: N/A Repair Type: Urgent EVAL Issue: 3b, Flood Risk Crossing Status: Found UCIP Comments: 05/12/2022 Record updated from Non-Urgent to Urgent. Modification of sleeving the pipe, and gap in between pipe and sleeve, causes flood risk concern. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI)04/25/2013 9-inch steel pipe sleeved through 12-inch pipe. Needs to seal gap between two pipes. (P. Amatya - DWR) FIELD_STRUCT_DESC: 9-inch steel pipe sleeved through a 12-inch steel irrigation discharge pipe through the levee, 6 feet below the crown. Pump on a pile structure in the river. Steel walkway to the pump and wood steps on the waterside (WS) slope. Concrete spill box with two 8-inch openings. (Six 12-inch steel discharge pipes (pipe 6 of 6) authorized under Permit No. 1173, 1947 - Reclamation District No. 556). (12-inch pipe [HLM 3.06] authorized under Automatic Board Order (ABO) issued as Permit No. 11193, 1975 - Gertrude M. Reid). [Additional Reference(s): DWR Levee Log, year unknown (HLM 3.06), listed as 12-inch pipe. USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "J" 80+79), listed as 12-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 3, Station 80+79 "J", listed as 12-inch pipe]. FS Date: 5/12/2022 12:09:29 PM | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | 3.07 | Rating ** | U | Issue No. | 124 (cont) |
| LM End | 3.07 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76303_113529.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76303_113530.jpg



LS view: Distribution box at toe from crown.

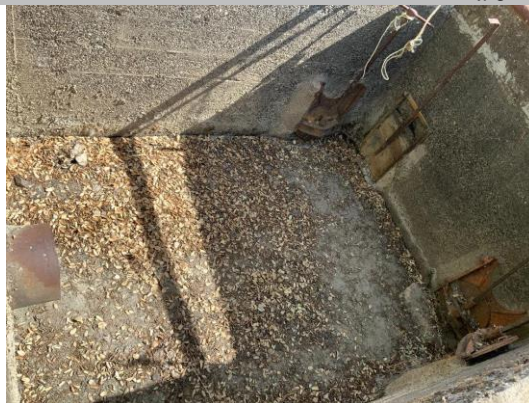
| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 3.07 | Rating ** | U | Issue No. | 124 (cont) |
| LM End | 3.07 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.226225 ° | 38.226225 ° |
| | | | | -121.555236 ° | -121.555236 ° |
| DWR ID | 20862 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76303_113531.jpg



LS view: Pipe outlet in box at toe.

| | | | | | |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.07 | Rating ** | C | Issue No. | 59 |
| LM End | 3.07 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.226155 ° | 38.226155 ° |
| | | | | -121.555273 ° | -121.555273 ° |
| DWR ID | DWR_RD0556_02_f_2019_59 | | | | |
| Comment Code | | | | | |
| MA : Material | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.16 | Rating ** | M | Issue No. | 17 |
| LM End | 3.28 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.224850 ° | 38.223233 ° |
| | | | | -121.555641 ° | -121.555687 ° |
| DWR ID | DWR_RD0556_02_s _ 2022_17 | | | | |

Comment Code**Inspector Comment**

2018 Site ID: SAC 23.2 L
Status: Eroding
2018 Field Notes: Additional tree popouts and new erosion throughout site.
Site History: 2000 - Recently fallen cottonwood at the downstream end.
2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012 - Potential new tree popout since last year. 2013 - New erosion at downstream end of site and a recent tree pop-out observed.
2016 - New erosion at the toe. 2017 - New erosion along lower bank.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.16 | Rating ** | M | Issue No. | 17 (cont) |
| LM End | 3.28 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_19_17_20241001_00011.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_19_17_20241001_00012.jpg



USACE 2018 Erosion Photo #2

| | | |
|--|---|---|
| * 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.24 | Rating ** | C | Issue No. | 61 |
| LM End | 3.26 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.223707° | 38.223457° |
| | | | | -121.555396° | -121.555414° |
| DWR ID | DWR_RD0556_02_s_2021_61 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|----------------------|--------------|----|------------------------|--------------|
| LM Start | 3.51 | Rating ** | M | Issue No. | 125 |
| LM End | 3.51 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.219848° | 38.219848° |
| | | | | -121.556137° | -121.556137° |
| DWR ID | 25866 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| DS_ID:25866 FS_ID:81612 EP_NO: 18113 Repair Type: Non-Urgent EVAL Issue: 10, Unauthorized Modification or Non-Compliant Permit Crossing Status: Found UCIP Comments: 05/12/2022 Record is Non-Urgent. Booster pump, screen filter are not authorized in the permit, only 12-inch siphon pipe. Unable to find a permit for modification. (O. Yakimov - DWR UCIP) FIELD_STRUCT_DESC: 12-inch steel irrigation siphon pipe through the levee, 3 feet below the crown. Abandoned steel pipe structure in the stream. Air release and line filler valve inside a short steel riser on waterside slope. Service pole with electrical panel at landside toe. Booster pump and screen filter on landside berm. Electrical panel near the booster pump. This crossing replaces 10-inch pipe (see DSID 20863). (12-inch pipe authorized under Permit No. 18113, 2006 - Neil Stone). FS Date: 5/12/2022 | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.54 | Rating ** | M | Issue No. | 78 |
| LM End | 3.54 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.219407° | 38.219407° |
| | | | | -121.556280° | -121.556280° |
| DWR ID | DWR_RD0556_02_f _ 2018_78 | | | | |
| Comment Code | | | | | |
| ST : Stairway | | | | | |
| Inspector Comment | | | | | |
| Stairs encroaching into slope do not have a permit. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_78_20241001_00048.jpg



View of the steps on the WS slope (Fall 2022).

| | | | | | |
|---|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 3.57 | Rating ** | A/W | Issue No. | 23 |
| LM End | 3.95 | Issue Type + | Ob | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Seepage / Sandboils | | | 38.218950 ° | 38.213490 ° |
| | | | | -121.556300 ° | -121.556850 ° |
| DWR ID | DWR_RD0556_02_f _ 2023_23 | | | | |
| Comment Code | | | | | |
| SS : Seepage / Sandboils | | | | | |
| Inspector Comment | | | | | |
| This was a 2017 Storm Damage site. Seepage observed during 2017 high water. Site ID No:68 Site Designation:DWR_RD0556_02_R_2012_03 | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.58 | Rating ** | M | Issue No. | 16 |
| LM End | 3.64 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.218951° | 38.218104° |
| | | | | -121.556689° | -121.556819° |
| DWR ID | DWR_RD0556_02_s _ 2022_16 | | | | |

Comment Code**Inspector Comment**

2018 Site ID: SAC 22.7 L
Status: Eroding
2018 Field Notes: No observed change.
Site History: 1997 - Scallops into berm and very close to levee toe.
2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee. 2017 - Minor new erosion at toe.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.58 | Rating ** | M | Issue No. | 16 (cont) |
| LM End | 3.64 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_19_16_20241001_00009.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_19_16_20241001_00010.jpg



USACE 2018 Erosion Photo #2

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.58 | Rating ** | U | Issue No. | 34 |
| LM End | 3.75 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.218789 ° | 38.216340 ° |
| | | | | -121.556037 ° | -121.556487 ° |
| DWR ID | DWR_RD0556_02_f_2024_34 | | | | |
| Comment Code | | | | | |
| MISC : Miscellaneous | | | | | |
| Inspector Comment | | | | | |
| Fire wood, old vehicles/farm equipment, and tanks stored at the seepage berm toe and should be removed. | | | | | |

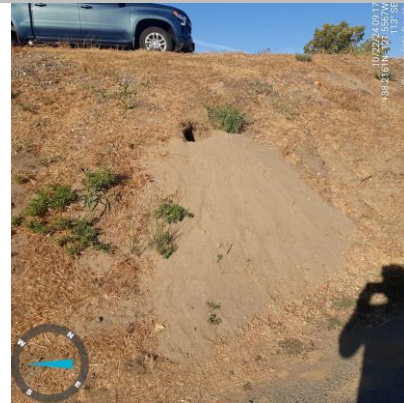
Photo 1 of 1 : FA_2024_RD0556_19_34_20241106_00101.jpg



View of material, vehicles, and equipment at the landside toe. (Fall 2024)

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.77 | Rating ** | U | Issue No. | 40 |
| LM End | 3.77 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.216126 ° | 38.216126 ° |
| | | | | -121.556539 ° | -121.556539 ° |
| DWR ID | DWR_RD0556_02_f_2024_40 | | | | |
| 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_2024_RD0556_19_40_20241106_00102.jpg



View of large rodent hole on the landside slope. (Fall 2024)

| | | | | | |
|-------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.79 | Rating ** | C | Issue No. | 108 |
| LM End | 3.79 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.215818 ° | 38.215818 ° |
| | | | | -121.556840 ° | -121.556840 ° |
| DWR ID | DWR_RD0556_02_f_2022_108 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 3.95 | Rating ** | M | Issue No. | 15 |
| LM End | 4.12 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.213581° | 38.211112° |
| | | | | -121.557197° | -121.557042° |
| DWR ID | DWR_RD0556_02_s_2022_15 | | | | |

Comment Code**Inspector Comment**

2018 Site ID: SAC 22.5 L
Status: Eroding
2018 Field Notes: Minor new erosion at toe.
Site History: 2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe. 2017 - New lower bank erosion at the upstream end. Locals placed rock in some erosion pockets.

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 3.95 | Rating ** | M | Issue No. | 15 (cont) |
| LM End | 4.12 | Issue Type + | Ma | Location * | WS |

Photo 1 of 2 : FA_2024_RD0556_19_15_20241001_00007.jpg



USACE 2018 Erosion Photo #1

Photo 2 of 2 : FA_2024_RD0556_19_15_20241001_00008.jpg



USACE 2018 Erosion Photo #2

| | | |
|--|---|---|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.97 | Rating ** | C | Issue No. | 5 |
| LM End | 3.97 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.213244 ° | 38.213244 ° |
| | | | | -121.556803 ° | -121.556803 ° |
| DWR ID | DWR_RD0556_02_s _ 2021_5 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.01 | Rating ** | U | Issue No. | 71 |
| LM End | 4.01 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.212672 ° | 38.212672 ° |
| | | | | -121.556759 ° | -121.556759 ° |
| DWR ID | DWR_RD0556_02_s _ 2020_71 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Arundo on the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_71_20241106_00103.jpg



View of thick arundo on the landside slope. (Fall 2024)

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.12 | Rating ** | M | Issue No. | 62 |
| LM End | 4.15 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.211052 ° | 38.210669 ° |
| | | | | -121.556754 ° | -121.556785 ° |
| DWR ID | DWR_RD0556_02_s _ 2024_62 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

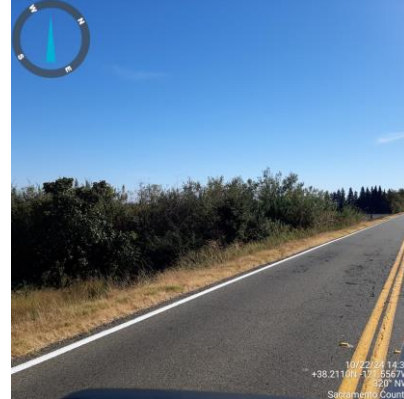
| | | | | | |
|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.15 | Rating ** | U | Issue No. | 55 |
| LM End | 4.15 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.210623 ° | 38.210623 ° |
| | | | | -121.556733 ° | -121.556733 ° |
| DWR ID | DWR_RD0556_02_s _ 2020_55 | | | | |
| 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_2024_RD0556_19_55_20241106_00104.jpg



View of thick trees on the landside slope. (Fall 2024)

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.22 | Rating ** | C | Issue No. | 51 |
| LM End | 4.33 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.209629 ° | 38.208062 ° |
| | | | | -121.556757 ° | -121.556807 ° |
| DWR ID | DWR_RD0556_02_s _ 2020_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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.41 | Rating ** | U | Issue No. | 36 |
| LM End | 4.44 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.206832 ° | 38.206418 ° |
| | | | | -121.556783 ° | -121.556770 ° |
| DWR ID | DWR_RD0556_02_f _ 2017_36 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Oleanders, trees, and other landscaping should be trimmed to allow inspection and access to the landside slope and toe. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_36_20241106_00107.jpg



View of landscaping on the landside slope. (Fall 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 14 |
| LM End | 4.49 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2018 USACE Erosion Survey | | | 38.206377° | 38.205729° |
| | | | | -121.557184° | -121.557108° |
| DWR ID | DWR_RD0556_02_s _ 2022_14 | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2018 Site ID: SAC 21.9 L | | | | | |
| Status: Eroding | | | | | |
| 2018 Field Notes: No observed change. | | | | | |
| Site History: 2013 - Erosion pockets encroaching on levee foundation. | | | | | |

Photo 1 of 2 : FA_2024_RD0556_19_14_20241001_00005.jpg



USACE 2018 Erosion Photo #1

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 4.44 | Rating ** | M | Issue No. | 14 (cont) |
| LM End | 4.49 | Issue Type + | Ma | Location * | WS |

Photo 2 of 2 : FA_2024_RD0556_19_14_20241001_00006.jpg



USACE 2018 Erosion Photo #2

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.47 | Rating ** | C | Issue No. | 63 |
| LM End | 4.55 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.205970 ° | 38.204804 ° |
| | | | | -121.556801 ° | -121.556799 ° |
| DWR ID | DWR_RD0556_02_s _ 2024_63 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.57 | Rating ** | M | Issue No. | 60 |
| LM End | 4.57 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.204537 ° | 38.204537 ° |
| | | | | -121.556782 ° | -121.556782 ° |
| DWR ID | DWR_RD0556_02_s _ 2021_60 | | | | |
| 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_2024_RD0556_19_60_20241001_00038.jpg



View looking upstream at trees on the landside slope (Fall 2021).

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.64 | Rating ** | U | Issue No. | 58 |
| LM End | 4.64 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.203480 ° | 38.203480 ° |
| | | | | -121.556824 ° | -121.556824 ° |
| DWR ID | DWR_RD0556_02_s _ 2018_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 | | | | | |
| Remove fig tree from the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_58_20241001_00036.jpg



View of the LS vegetation and fig tree in the background (Fall 2022).

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.65 | Rating ** | M | Issue No. | 27 |
| LM End | 4.71 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.203425 ° | 38.202513 ° |
| | | | | -121.556845 ° | -121.556959 ° |
| DWR ID | DWR_RD0556_02_s _ 2017_27 | | | | |
| 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 | | | | | |
| Trim trees and remove fallen trees from waterside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_27_20241001_00019.jpg



View of overgrown and fallen trees on the WS slope (Fall 2022).

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.67 | Rating ** | M | Issue No. | 65 |
| LM End | 4.72 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.203144 ° | 38.202431 ° |
| | | | | -121.556815 ° | -121.556926 ° |
| DWR ID | DWR_RD0556_02_f_2024_65 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.68 | Rating ** | U | Issue No. | 3 |
| LM End | 4.72 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.202942 ° | 38.202431 ° |
| | | | | -121.556870 ° | -121.556960 ° |
| DWR ID | DWR_RD0556_02_f _ 2020_3 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Cut arundo back 20' from waterside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_3_20241001_00003.jpg



View of the arundo on the WS slope (Spring 2023).

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 4.73 | Rating ** | M | Issue No. | 126 | |
| LM End | 4.73 | Issue Type + | En | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.202301 ° | 38.202301 ° | |
| | | | | -121.556952 ° | -121.556952 ° | |
| DWR ID | 20867 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| DS_ID:20867 FS_ID:76308 EP_NO: 11199 Repair Type: Non-Urgent EVAL Issue: 11, Maintenance Compliance Issue Crossing Status: Indicator Found UCIP Comments: 05/12/2022 The record remains Non-Urgent. Appears abandoned, LS riser covered in vegetation, recommend cleaning out if still in use. WS control panel is destroyed and overgrown with vegetation. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lao. (H. Dunn ? GEI)04/25/2013 Pump, gate valve and pumphouse not found on waterward slope. An abandoned electric control panel found on WS. May need to be properly abandoned. (P. Amatya - DWR) FIELD_STRUCT_DESC: 6-inch steel irrigation discharge pipe through the levee, 6.5 feet below the crown. Siphon and concrete spill box with two 8-inch openings. (6-inch pipe [HLM 4.72] authorized under Automatic Board Order (ABO) issued as Permit No. 11199, 1975 - Toshi Tokuyoshi, et al). [Additional Reference(s): DWR Levee Log, year unknown (HLM 4.72). USACE Sacramento O&M Manual, Unit 103, June 1954, Revised 29 December 2016, (Station "H" 159+97), listed as 6-inch pipe. USACE As-Built Drawing No. 50-04-2277, March 1946, Sheet 2, Station 159+97 "H"]. FS Date: 5/12/2022 1:01:48 PM | | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 4.73 | Rating ** | M | Issue No. | 126 (cont) |
| LM End | 4.73 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76308_113562.jpg



Levee crown.

Photo 2 of 3 : UCIP_FA_2024_76308_113563.jpg



LS view: Slope from crown.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side 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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | 4.73 | Rating ** | M | Issue No. | 126 (cont) |
| LM End | 4.73 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.202301 ° | 38.202301 ° |
| | | | | -121.556952 ° | -121.556952 ° |
| DWR ID | 20867 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76308_113564.jpg



LS view: Covered riser visible on slope.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.76 | Rating ** | M | Issue No. | 85 |
| LM End | 4.84 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.201852 ° | 38.200629 ° |
| | | | | -121.557035 ° | -121.557232 ° |
| DWR ID | DWR_RD0556_02_s_2024_85 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.82 | Rating ** | U | Issue No. | 52 |
| LM End | 4.88 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.201017 ° | 38.200136 ° |
| | | | | -121.557135 ° | -121.557426 ° |
| DWR ID | DWR_RD0556_02_s_2021_52 | | | | |
| 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 | | | | | |
| Bamboo and trees of heaven should be removed. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_52_20241001_00034.jpg



View looking downstream at bamboo and trees of heaven on landside slope (Spring 2021).

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.85 | Rating ** | C | Issue No. | 66 |
| LM End | 4.87 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.200543 ° | 38.200246 ° |
| | | | | -121.557286 ° | -121.557380 ° |
| DWR ID | DWR_RD0556_02_s_2021_66 | | | | |
| Comment Code | | | | | |
| T4 : Trim trees over roadway to at least 12 feet above ground level. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.89 | Rating ** | M | Issue No. | 50 |
| LM End | 4.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.199986 ° | 38.199227 ° |
| | | | | -121.557506 ° | -121.557884 ° |
| DWR ID | DWR_RD0556_02_f_2024_50 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.95 | Rating ** | M | Issue No. | 103 |
| LM End | 4.95 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.199223 ° | 38.199223 ° |
| | | | | -121.557876 ° | -121.557876 ° |
| DWR ID | DWR_RD0556_02_f_2021_103 | | | | |
| 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 | | | | | |
| | | | | | |

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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|--------------|
| LM Start | 4.95 | Rating ** | U | Issue No. | 91 |
| LM End | 5.09 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.199227° | 38.197287° |
| | | | | -121.557906° | -121.559023° |
| DWR ID | DWR_RD0556_02_s_2024_91 | | | | |
| 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_2024_RD0556_19_91_20241001_00056.jpg



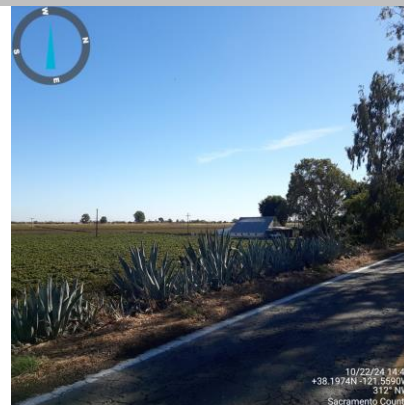
View of tall vegetation on WS slope. (Spring 2024)

| | | | | | |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.05 | Rating ** | M | Issue No. | 101 |
| LM End | 5.05 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.197828 ° | 38.197828 ° |
| | | | | -121.558670 ° | -121.558670 ° |
| DWR ID | DWR_RD0556_02_f_2021_101 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.08 | Rating ** | U | Issue No. | 37 |
| LM End | 5.16 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.197407 ° | 38.196388 ° |
| | | | | -121.558950 ° | -121.559558 ° |
| DWR ID | DWR_RD0556_02_f_2017_37 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Remove cactus, and century plants on the landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_37_20241106_00106.jpg



View of century plants on the landside hinge/slope. (Fall 2024)

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.21 | Rating ** | U | Issue No. | 127 |
| LM End | 5.21 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.195755 ° | 38.195755 ° |
| | | | | -121.560078 ° | -121.560078 ° |
| DWR ID | 20869 | | | | |

Comment Code**Inspector Comment**

DS_ID:20869
FS_ID:76310
EP_NO: 11185
Repair Type: Urgent
EVAL Issue: 2b, Levee Integrity
Crossing Status: Found
UCIP Comments: 05/12/2022 The record remains Urgent. There is still a deep pit on WS toe covered with plywood, causing a safety concern and levee integrity concern, recommend filling in with dirt. LS siphon in riser is covered with vegetation, recommend cleaning out. New filter installation on LS as well as modifications to the LS concrete box. No permit other than ABO permit was found authorizing this encroachment. CVFPB will need to review crossing to determine owner. The UCIP inspection was completed with GEI staff, A. Lau. (H. Dunn ?
GEI 7/12/2018 Pit on WS is covered with plywood. Water pump is running, no leaks detected. LS part of crossing was reconstructed. New pipe was installed after CMP riser to supply water to sand filters. Remains Urgent due to large pit on WS that needs to be backfilled.
(O.Yakimov-DWR UCIP) 4/25/2013 Large pit on levee berm.
FIELD_STRUCT_DESC: 8-inch irrigation discharge pipe of an unknown material through the levee, 5.7 feet below the crown. Pump and gate valve in a pump house on the waterside (WS) slope. Siphon breaker, concrete box, and service pole on the landside (LS) slope. (8-inch pipe [HLM 5.21] authorized under Automatic Board Order (ABO) issued as Permit No. 11185, 1975 - R. Walter Langhart). [Additional Reference(s): DWR Levee Log, year unknown (HLM 5.21)].
FS Date: 5/12/2022 1:31:01 PM

| | | | | | |
|----------|------|--------------|----|------------|------------|
| LM Start | 5.21 | Rating ** | U | Issue No. | 127 (cont) |
| LM End | 5.21 | Issue Type + | En | Location * | |

Photo 1 of 3 : UCIP_FA_2024_76310_77690.jpg



View of pipe on WS and a pit covered by plywood.

Photo 2 of 3 : UCIP_FA_2024_76310_77692.jpg



View of LS slope at the crossing.

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

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.21 | Rating ** | U | Issue No. | 127 (cont) |
| LM End | 5.21 | Issue Type + | En | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.195755 ° | 38.195755 ° |
| | | | | -121.560078 ° | -121.560078 ° |
| DWR ID | 20869 | | | | |

Photo 3 of 3 : UCIP_FA_2024_76310_20370.jpg



WS- intake pipe and pit on levee slope (center)

| | | | | | |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.22 | Rating ** | M | Issue No. | 4 |
| LM End | 5.22 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.195691 ° | 38.195691 ° |
| | | | | -121.560133 ° | -121.560133 ° |
| DWR ID | DWR_RD0556_02_s_2021_4 | | | | |
| 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 | | | | | |
| | | | | | |

No Photos

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.38 | Rating ** | C | Issue No. | 93 |
| LM End | 5.57 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.194034 ° | 38.192615 ° |
| | | | | -121.562195 ° | -121.565069 ° |
| DWR ID | DWR_RD0556_02_s_2024_93 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth and woody vegetation other than native grasses from the levee slopes. | | | | | |
| 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 2024

Reclamation District No. 0556 Upper Andrus

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.40 | Rating ** | U | Issue No. | 31 |
| LM End | 5.44 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.193760 ° | 38.193445 ° |
| | | | | -121.562458 ° | -121.562895 ° |
| DWR ID | DWR_RD0556_02_s _ 2012_31 | | | | |
| Comment Code | | | | | |
| V6 : Landscaping | | | | | |
| Inspector Comment | | | | | |
| Thin oleanders to allow view down landside slope. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_31_20241001_00022.jpg



View of oleanders on the landside slope. Fall 2023.

| | | | | | |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.52 | Rating ** | M | Issue No. | 94 |
| LM End | 5.52 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.192767 ° | 38.192767 ° |
| | | | | -121.564281 ° | -121.564281 ° |
| DWR ID | DWR_RD0556_02_s _ 2024_94 | | | | |
| Comment Code | | | | | |
| T2 : Tree or limb. | | | | | |
| Inspector Comment | | | | | |
| Remove fallen tree limbs from WS slope. | | | | | |

No Photos

| | | | | | |
|----------------------------------|---------------------------|--------------|-----|------------------------|---------------|
| LM Start | 5.58 | Rating ** | A/W | Issue No. | 80 |
| LM End | 5.72 | Issue Type + | Ob | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.192530 ° | 38.191865 ° |
| | | | | -121.565352 ° | -121.567757 ° |
| DWR ID | DWR_RD0556_02_f _ 2019_80 | | | | |
| Comment Code | | | | | |
| V5 : Environmental Requirements. | | | | | |
| Inspector Comment | | | | | |
| This is a DWR Revegetation Site. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_80_20241001_00050.jpg



View of the environmental mitigation sign on the WS slope (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 2024****Reclamation District No. 0556 Upper Andrus**

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-------------------|
| Unit No. 02 Sacramento River | Left | 5.72 | 10/22/2024 10/22/2024 | Gregg McMillon |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.64 | Rating ** | U | Issue No. | 79 |
| LM End | 5.64 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 38.192237 ° | 38.192237 ° |
| | | | | -121.566368 ° | -121.566368 ° |
| DWR ID | DWR_RD0556_02_f_2018_79 | | | | |
| Comment Code | | | | | |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | | | | | |
| Inspector Comment | | | | | |
| More than 2 cubic feet of soil was removed between the two large burrow holes. | | | | | |

Photo 1 of 1 : FA_2024_RD0556_19_79_20241001_00049.jpg



View looking downstream at burrow holes on the landside slope (Fall 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 |
|--|---|---|