

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector      |
|--------------------------------|------|------------|--------------------------|----------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach<br>Jojola |

|                         |                                  |              |    |                        |     |
|-------------------------|----------------------------------|--------------|----|------------------------|-----|
| LM Start                |                                  | Rating **    | A  | Issue No.              | 5   |
| LM End                  |                                  | Issue Type + | Ma | Location *             | N/A |
| Category                | Earthen Levee                    |              |    | GPS Latitude/Longitude |     |
|                         |                                  |              |    | Start                  | End |
| Item                    | Operations & Maintenance Manuals |              |    | °                      | °   |
|                         |                                  |              |    | °                      | °   |
| DWR ID                  | DWR_RD0108_01_s_2013_5           |              |    |                        |     |
| Comment Code            |                                  |              |    |                        |     |
| OM : O&M Manuals        |                                  |              |    |                        |     |
| Inspector Comment       |                                  |              |    |                        |     |
| RD 108 has O&M manuals. |                                  |              |    |                        |     |

No Photos

|   |                                |              |    |                        |     |
|---|--------------------------------|--------------|----|------------------------|-----|
| LM Start  |                                | Rating **    | A  | Issue No.              | 7   |
| LM End  |                                | Issue Type + | Ma | Location *             | N/A |
| Category  | Earthen Levee                  |              |    | GPS Latitude/Longitude |     |
|   |                                |              |    | Start                  | End |
| Item  | Emergency Supplies & Equipment |              |    | °                      | °   |
|   |                                |              |    | °                      | °   |
| DWR ID  | DWR_RD0108_01_s_2013_7         |              |    |                        |     |
| Comment Code  |                                |              |    |                        |     |
| ES : Emergency Supplies & Equipment                       |                                |              |    |                        |     |
| Inspector Comment   |                                |              |    |                        |     |
| RD 108 maintains a stockpile of flood response materials. |                                |              |    |                        |     |

No Photos

|  |                               |              |    |                        |     |
|--|-------------------------------|--------------|----|------------------------|-----|
| LM Start   |                               | Rating **    | A  | Issue No.              | 9   |
| LM End   |                               | Issue Type + | Ma | Location *             | N/A |
| Category   | Earthen Levee                 |              |    | GPS Latitude/Longitude |     |
|  |                               |              |    | Start                  | End |
| Item   | Flood Preparedness & Training |              |    | °                      | °   |
|  |                               |              |    | °                      | °   |
| DWR ID   | DWR_RD0108_01_s_2013_9        |              |    |                        |     |
| Comment Code   |                               |              |    |                        |     |
| FP : Flood Preparedness & Training                                     |                               |              |    |                        |     |
| Inspector Comment  |                               |              |    |                        |     |
| RD 108 has written response plans and regular flood response training. |                               |              |    |                        |     |

No Photos

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

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|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|  |                             |              |    |                        |               |  |
|--|-----------------------------|--------------|----|------------------------|---------------|--|
| LM Start   | 0.06                        | Rating **    | M  | Issue No.              | 18            |  |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |  |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |  |
|  |                             |              |    | Start                  | End           |  |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.822897 °            | 38.822897 °   |  |
|  |                             |              |    | -121.797000 °          | -121.797000 ° |  |
| DWR ID   | 17943                       |              |    |                        |               |  |
| Comment Code   |                             |              |    |                        |               |  |
|  |                             |              |    |                        |               |  |
| Inspector Comment  |                             |              |    |                        |               |  |
| DS_ID:17943<br>FS_ID:55919<br>EP_NO: 9736<br>Repair Type: Non-Urgent<br>EVAL Issue:<br>Crossing Status: Found<br>UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)<br>FIELD_STRUCT_DESC: *ABANDONED* 1 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 10/2/2019 |                             |              |    |                        |               |  |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>18 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 1 of 3 : UCIP\_FA\_2022\_55919\_83215.jpg



View of LS looking from levee crown

Photo 2 of 3 : UCIP\_FA\_2022\_55919\_83216.jpg



View of WS looking from levee crown

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

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Levee Inspections**

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**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06                        | Rating **    | M  | Issue No.              | 18 (cont)     |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822897 °            | 38.822897 °   |
|          |                             |              |    | -121.797000 °          | -121.797000 ° |
| DWR ID   | 17943                       |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2022\_55919\_83217.jpg



Slide gate operating structure on WS shoulder

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06                        | Rating **    | M  | Issue No.              | 19            |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822919 °            | 38.822919 °   |
|          |                             |              |    | -121.797046 °          | -121.797046 ° |
| DWR ID   | 22386                       |              |    |                        |               |

**Comment Code**

**Inspector Comment**

DS\_ID:22386  
 FS\_ID:55920  
 EP\_NO: 9396  
 Repair Type: Non-Urgent  
 EVAL Issue:  
 Crossing Status: Found  
 UCIP Comments: 8/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP) 06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)  
 FIELD\_STRUCT\_DESC: \*ABANDONED\* 2 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].  
 FS Date: 8/2/2019

Photo 1 of 3 : UCIP\_FA\_2022\_55920\_83222.jpg



View of concrete structure located on landward side

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

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| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |    |                        |                  |
|----------|-----------------------------|--------------|----|------------------------|------------------|
| LM Start | <b>0.06</b>                 | Rating **    | M  | Issue No.              | <b>19 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma | Location *             |                  |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |                  |
|          |                             |              |    | Start                  | End              |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822919 °            | 38.822919 °      |
|          |                             |              |    | -121.797046 °          | -121.797046 °    |
| DWR ID   | 22386                       |              |    |                        |                  |

Photo 2 of 3 : UCIP\_FA\_2022\_55920\_83226.jpg



Slide gates on waterward side

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>19 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 3 of 3 : UCIP\_FA\_2022\_55920\_83227.jpg



Concrete structure located on waterward side

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



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| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.06                        | Rating **    | M  | Issue No.              | 20            |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.822933 °            | 38.822933 °   |
|  |                             |              |    | -121.797081 °          | -121.797081 ° |
| DWR ID   | 22387                       |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| DS_ID:22387<br>FS_ID:55921<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>EVAL Issue:<br>Crossing Status: Found<br>UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although This attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)<br>FIELD_STRUCT_DESC: *ABANDONED* 3 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 10/2/2019 7:54:00 AM |                             |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>20 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 1 of 3 : UCIP\_FA\_2022\_55921\_83223.jpg



Slide gates on waterward side

Photo 2 of 3 : UCIP\_FA\_2022\_55921\_83224.jpg



Concrete structure located on waterward side

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

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| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06                        | Rating **    | M  | Issue No.              | 20 (cont)     |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822933 °            | 38.822933 °   |
|          |                             |              |    | -121.797081 °          | -121.797081 ° |
| DWR ID   | 22387                       |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2022\_55921\_83225.jpg



Concrete structure located onlandward side

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.06                        | Rating **    | M  | Issue No.              | 21            |
| LM End   | 0.06                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822897 °            | 38.822897 °   |
|          |                             |              |    | -121.797000 °          | -121.797000 ° |
| DWR ID   | 22388                       |              |    |                        |               |

**Comment Code**

**Inspector Comment**

DS\_ID:22388  
FS\_ID:55922  
EP\_NO: 9396  
Repair Type: Non-Urgent  
EVAL Issue:  
Crossing Status: Found  
UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 4 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991, (HLM 0.08). USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].  
FS Date: 10/2/2019 7:59:18 AM

Photo 1 of 3 : UCIP\_FA\_2022\_55922\_83228.jpg



View of concrete structure located on landward side

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

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|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |                        |               |                  |
|----------|-----------------------------|--------------|------------------------|---------------|------------------|
| LM Start | <b>0.06</b>                 | Rating **    | M                      | Issue No.     | <b>21 (cont)</b> |
| LM End   | <b>0.06</b>                 | Issue Type + | Ma                     | Location *    |                  |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |                  |
|          |                             |              | Start                  | End           |                  |
| Item     | DWR UCIP LMA Responsibility |              | 38.822897 °            | 38.822897 °   |                  |
|          |                             |              | -121.797000 °          | -121.797000 ° |                  |
| DWR ID   | 22388                       |              |                        |               |                  |

Photo 2 of 3 : UCIP\_FA\_2022\_55922\_83229.jpg



Concrete structure located on waterward side

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.06</b> | Rating **    | M  | Issue No.  | <b>21 (cont)</b> |
| LM End   | <b>0.06</b> | Issue Type + | Ma | Location * |                  |

Photo 3 of 3 : UCIP\_FA\_2022\_55922\_83230.jpg



Slide gates on waterward side

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



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|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.07                        | Rating **    | M  | Issue No.              | 22            |
| LM End   | 0.07                        | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.822954 °            | 38.822954 °   |
|  |                             |              |    | -121.797135 °          | -121.797135 ° |
| DWR ID   | 22389                       |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| DS_ID:22389<br>FS_ID:55923<br>EP_NO: 9396<br>Repair Type: Non-Urgent<br>EVAL Issue:<br>Crossing Status: Found<br>UCIP Comments: 10/2/2019 Record remains Non-Urgent. In 2019 RD 108 took an attempt to bring structure to operable condition. Although this attempt was unsuccessful District will review other options. In the meantime crossing considered abandoned. Need to have CVFPB review ABO and determine current owner. (O.Yakimov - DWR UCIP)06/10/2014 Need to contact owner to determine status of structure. Notes indicate crossing has been abandoned. Owner will need to coordinate with CVFPB and DWR inspector to determine how to properly abandon. (O.Magana - DWR UCIP)<br>FIELD_STRUCT_DESC: *ABANDONED* 5 of 5: 72-inch reinforced concrete gravity drainage pipe or culvert through the levee, 31.6 feet below the crown. Slide gate on each end. (Retention of five 72-inch pipes through the levee [HLM 0.08] authorized under Automatic Board Order (ABO) issued as Permit No. 9736, 1974 - Reclamation District No. 108 [RD0108]). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 132, October 1959, (HLM 0.08), referenced as five 6-foot by 8-foot concrete drainage culverts].<br>FS Date: 10/2/2019 8:01:09 AM |                             |              |    |                        |               |

|          |             |              |    |            |                  |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | <b>0.07</b> | Rating **    | M  | Issue No.  | <b>22 (cont)</b> |
| LM End   | <b>0.07</b> | Issue Type + | Ma | Location * |                  |

Photo 1 of 3 : UCIP\_FA\_2022\_55923\_83231.jpg



View of concrete structure located on landward side

Photo 2 of 3 : UCIP\_FA\_2022\_55923\_83232.jpg



Slide gates on waterward side

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



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| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.07                        | Rating **    | M  | Issue No.              | 22 (cont)     |
| LM End   | 0.07                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.822954 °            | 38.822954 °   |
|          |                             |              |    | -121.797135 °          | -121.797135 ° |
| DWR ID   | 22389                       |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2022\_55923\_83233.jpg



Concrete structure located on waterward side

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.49                    | Rating **    | M  | Issue No.              | 17            |
| LM End  | 1.51                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Slope Stability         |              |    | 38.830951 °            | 38.831043 °   |
|   |                         |              |    | -121.821574 °          | -121.821847 ° |
| DWR ID  | DWR_RD0108_01_f_2022_17 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| S1 : Repair slope instability.  |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| There appears to be a 150' sloughing section that is a result of February 2019 storms. This site will be repaired by the USACE under PL84-99. There are minor new cracks forming adjacent to the sloughing. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2022\_RD0108\_203\_17\_20221010\_00038.jpg



View of sloughing on the landside slope. Fall 2022.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 2.70                    | Rating **    | M  | Issue No.              | 15            |
| LM End   | 2.73                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Slope Stability         |              |    | 38.837568 °            | 38.837749 °   |
|  |                         |              |    | -121.842218 °          | -121.842776 ° |
| DWR ID   | DWR_RD0108_01_s_2019_15 |              |    |                        |               |
| Comment Code   |                         |              |    |                        |               |
| S1 : Repair slope instability.   |                         |              |    |                        |               |
| Inspector Comment  |                         |              |    |                        |               |
| There appears to be a 150' sloughing section that is a result of February 2019 storms. This site will be repaired by the USACE under PL84-99 |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2022\_RD0108\_203\_15\_20221010\_00039.jpg



View of sloughing on the landside slope. Fall 2022.

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

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 18.73                       | Rating **    | M  | Issue No.              | 23            |
| LM End   | 18.73                       | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 39.011044 °            | 39.011044 °   |
|  |                             |              |    | -121.978446 °          | -121.978446 ° |
| DWR ID   | 18659                       |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| DS_ID:18659<br>FS_ID:55932<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>EVAL Issue:<br>Crossing Status: Indicator Found<br>UCIP Comments: 10/2/2019 Record updated to Non-Urgent. No permit has been identified authorizing pipe. Disrupted concrete pile structure observed in riverbank that may belong to this crossing. Grouted 18-inch pipe hole is visible inside of concrete distribution box at the landside toe. Unable to confirm proper abandonment. Coordinates updated. (O.Yakimov - DWR UCIP)<br>FIELD_STRUCT_DESC: 18-inch corrugated metal gravity drainage pipe through the levee, invert elevation 27.4 feet. Pipe hole immured at the landward toe in concrete distribution box. Ruined intake trash rack structure in channel. [Additional Reference(s): USACE Sacramento O&M Manual 132, October 1959, (HLM 18.55)].<br>FS Date: 10/2/2019 11:08:25 AM |                             |              |    |                        |               |

|          |              |              |    |            |                  |
|----------|--------------|--------------|----|------------|------------------|
| LM Start | <b>18.73</b> | Rating **    | M  | Issue No.  | <b>23 (cont)</b> |
| LM End   | <b>18.73</b> | Issue Type + | Ma | Location * |                  |

Photo 1 of 3 : UCIP\_FA\_2022\_55932\_83441.jpg



LS view looking from levee crown

Photo 2 of 3 : UCIP\_FA\_2022\_55932\_83442.jpg



View inside of concrete box on LS

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

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0108 River Farms**

| Waterway                       | Bank | Unit Miles | Inspection Start/End     | Inspector   |
|--------------------------------|------|------------|--------------------------|-------------|
| Unit No. 01 Colusa Basin Drain | Left | 20.64      | 10/07/2022<br>10/07/2022 | Zach Jojola |

|          |                             |              |    |                        |                  |
|----------|-----------------------------|--------------|----|------------------------|------------------|
| LM Start | <b>18.73</b>                | Rating **    | M  | Issue No.              | <b>23 (cont)</b> |
| LM End   | <b>18.73</b>                | Issue Type + | Ma | Location *             |                  |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |                  |
|          |                             |              |    | Start                  | End              |
| Item     | DWR UCIP LMA Responsibility |              |    | 39.011044 °            | 39.011044 °      |
|          |                             |              |    | -121.978446 °          | -121.978446 °    |
| DWR ID   | 18659                       |              |    |                        |                  |

Photo 3 of 3 : UCIP\_FA\_2022\_55932\_83440.jpg



Grouted holes of 2 pipes towards levee in concrete box on LS

|          |                           |              |    |                        |               |
|----------|---------------------------|--------------|----|------------------------|---------------|
| LM Start | <b>19.27</b>              | Rating **    | M  | Issue No.              | <b>13</b>     |
| LM End   | <b>19.35</b>              | Issue Type + | Ma | Location *             | WS            |
| Category | Supplemental              |              |    | GPS Latitude/Longitude |               |
|          |                           |              |    | Start                  | End           |
| Item     | 2018 USACE Erosion Survey |              |    | 39.016727 °            | 39.017516 °   |
|          |                           |              |    | -121.985411 °          | -121.986374 ° |
| DWR ID   | DWR_RD0108_01_s_2022_13   |              |    |                        |               |

Photo 1 of 1 : FA\_2022\_RD0108\_203\_13\_20220921\_00002.jpg



View of erosion at the waterside toe. Spring 2022.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| Comment Code  |  |  |  |  |  |
| Inspector Comment   |  |  |  |  |  |
| 2018 Site ID: CBD 19.2 L<br>Status: Eroding<br>2018 Field Notes: Last observed in 2011. Access issues prevented inspection in 2017.<br>Site History: 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. |  |  |  |  |  |

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

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2022**

**Reclamation District No. 0108 River Farms**

| Waterway                      | Bank  | Unit Miles | Inspection Start/End     | Inspector   |
|-------------------------------|-------|------------|--------------------------|-------------|
| Unit No. 02 Castle Properties | Right | 0.28       | 10/11/2022<br>10/11/2022 | Zach Jojola |

|  |                        |              |    |                        |               |
|--|------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.21                   | Rating **    | A  | Issue No.              | 1             |
| LM End   | 0.21                   | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|  |                        |              |    | Start                  | End           |
| Item   | Vegetation             |              |    | 38.798377 °            | 38.798377 °   |
|  |                        |              |    | -121.725394 °          | -121.725394 ° |
| DWR ID   | DWR_RD0108_02_f_2022_1 |              |    |                        |               |
| Comment Code   |                        |              |    |                        |               |
| V1 : Control annual grass and weeds on the levee slopes and easements. |                        |              |    |                        |               |
| Inspector Comment  |                        |              |    |                        |               |
| LMA maintains the levee at a high level, Fall 2022.                    |                        |              |    |                        |               |

Photo 1 of 1 : FA\_2022\_RD0108\_590\_1\_20221012\_00001.jpg



View of well maintained landside slope.

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