

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021

### American River Flood Control District

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------|------|------------|--------------------------|--------------------|
| Unit No. 01 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|   |                               |              |                        |            |     |
|---|-------------------------------|--------------|------------------------|------------|-----|
| LM Start  |                               | Rating **    | A                      | Issue No.  | 2   |
| LM End  |                               | Issue Type + | Ma                     | Location * | N/A |
| Category  | Earthen Levee                 |              | GPS Latitude/Longitude |            |     |
|   |                               |              | Start                  | End        |     |
| Item  | Flood Preparedness & Training |              |                        | °          | °   |
|   |                               |              |                        | °          | °   |
| DWR ID  | DWR_NA0001_01_s_2013_2        |              |                        |            |     |
| Comment Code  |                               |              |                        |            |     |
|   |                               |              |                        |            |     |
| Inspector Comment   |                               |              |                        |            |     |
| The LMA has a written emergency plan and participated in flood fight training in November 2019. |                               |              |                        |            |     |

No Photos

|   |                                |              |                        |            |     |
|---|--------------------------------|--------------|------------------------|------------|-----|
| LM Start  |                                | Rating **    | A                      | Issue No.  | 24  |
| LM End  |                                | Issue Type + | Ma                     | Location * | N/A |
| Category  | Earthen Levee                  |              | GPS Latitude/Longitude |            |     |
|   |                                |              | Start                  | End        |     |
| Item  | Emergency Supplies & Equipment |              |                        | °          | °   |
|   |                                |              |                        | °          | °   |
| DWR ID  | DWR_NA0001_01_s_2013_24        |              |                        |            |     |
| Comment Code  |                                |              |                        |            |     |
|   |                                |              |                        |            |     |
| Inspector Comment   |                                |              |                        |            |     |
| The LMA has flood fight supplies stored at various locations throughout the district. |                                |              |                        |            |     |

No Photos

|   |                                  |              |                        |            |     |
|---|----------------------------------|--------------|------------------------|------------|-----|
| LM Start  |                                  | Rating **    | A                      | Issue No.  | 25  |
| LM End  |                                  | Issue Type + | Ma                     | Location * | N/A |
| Category  | Earthen Levee                    |              | GPS Latitude/Longitude |            |     |
|   |                                  |              | Start                  | End        |     |
| Item  | Operations & Maintenance Manuals |              |                        | °          | °   |
|   |                                  |              |                        | °          | °   |
| DWR ID  | DWR_NA0001_01_f_2019_25          |              |                        |            |     |
| Comment Code  |                                  |              |                        |            |     |
|   |                                  |              |                        |            |     |
| Inspector Comment   |                                  |              |                        |            |     |
| The LMA has a copy of the O&M Manual available at the office. |                                  |              |                        |            |     |

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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**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|  |                                       |              |     |                        |               |
|--|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start                               | 0.05                                  | Rating **    | A/W | Issue No.              | 99            |
| LM End                                 | 0.05                                  | Issue Type + | Ma  | Location *             | WS            |
| Category                               | Earthen Levee                         |              |     | GPS Latitude/Longitude |               |
|  |                                       |              |     | Start                  | End           |
| Item                                   | Crown Surface / Depressions / Rutting |              |     | 38.619683 °            | 38.619683 °   |
|  |                                       |              |     | -121.466939 °          | -121.466939 ° |
| DWR ID                                 | DWR_NA0001_01_f_2021_99               |              |     |                        |               |
| Comment Code                           |                                       |              |     |                        |               |
|  |                                       |              |     |                        |               |
| Inspector Comment                      |                                       |              |     |                        |               |
| Construction on the pumphouse outfall. |                                       |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_99\_20211007\_00128.jpg



Construction on the WS outfall. Fall 2021

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.51                    | Rating **    | A/W | Issue No.              | 76            |
| LM End   | 0.51                    | Issue Type + | Ma  | Location *             | WS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.623452 °            | 38.623452 °   |
|  |                         |              |     | -121.459802 °          | -121.459802 ° |
| DWR ID   | DWR_NA0001_01_s_2020_76 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Two sets of steps are dug into the levee slope.  |                         |              |     |                        |               |

No Photos

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.54                    | Rating **    | A/W | Issue No.              | 82            |
| LM End   | 0.54                    | Issue Type + | Ma  | Location *             | WS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.623593 °            | 38.623593 °   |
|  |                         |              |     | -121.459257 °          | -121.459257 ° |
| DWR ID   | DWR_NA0001_01_s_2020_82 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Steps are dug into the levee slope.  |                         |              |     |                        |               |

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                  |  |

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**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|  |                                       |              |     |                        |               |
|--|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start                                       | 1.20                                  | Rating **    | A/W | Issue No.              | 95            |
| LM End   | 1.20                                  | Issue Type + | Ma  | Location *             | LS            |
| Category                                       | Earthen Levee                         |              |     | GPS Latitude/Longitude |               |
|  |                                       |              |     | Start                  | End           |
| Item   | Crown Surface / Depressions / Rutting |              |     | 38.625033 °            | 38.625033 °   |
|  |                                       |              |     | -121.447669 °          | -121.447669 ° |
| DWR ID   | DWR_NA0001_01_f_2021_95               |              |     |                        |               |
| Comment Code                                   |                                       |              |     |                        |               |
|  |                                       |              |     |                        |               |
| Inspector Comment                              |                                       |              |     |                        |               |
| Construction on the LS slope for pump station. |                                       |              |     |                        |               |
|  |                                       |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_95\_20211007\_00141.jpg



Construction on the LS slope for outfall pipe repair. Fall 2021

|                   |                         |              |    |                        |               |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start          | 1.34                    | Rating **    | N  | Issue No.              | 94            |
| LM End            | 1.34                    | Issue Type + | Ma | Location *             | LS            |
| Category          | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                   |                         |              |    | Start                  | End           |
| Item              | Trim / Thin Trees       |              |    | 38.625935 °            | 38.625935 °   |
|                   |                         |              |    | -121.445364 °          | -121.445364 ° |
| DWR ID            | DWR_NA0001_01_f_2021_94 |              |    |                        |               |
| Comment Code      |                         |              |    |                        |               |
| T5 : Tree stumps. |                         |              |    |                        |               |
| Inspector Comment |                         |              |    |                        |               |
| Remove 24" stump. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_94\_20211007\_00144.jpg



Stump on the LS toe. Fall 2021

|                     |                          |              |    |                        |               |
|---------------------|--------------------------|--------------|----|------------------------|---------------|
| LM Start            | 1.36                     | Rating **    | C  | Issue No.              | 178           |
| LM End              | 1.36                     | Issue Type + | Ma | Location *             | LS            |
| Category            | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|                     |                          |              |    | Start                  | End           |
| Item                | Trim / Thin Trees        |              |    | 38.626063 °            | 38.626063 °   |
|                     |                          |              |    | -121.444988 °          | -121.444988 ° |
| DWR ID              | DWR_NA0001_01_s_2020_178 |              |    |                        |               |
| Comment Code        |                          |              |    |                        |               |
| T5 : Tree stumps.   |                          |              |    |                        |               |
| Inspector Comment   |                          |              |    |                        |               |
| No stumps observed. |                          |              |    |                        |               |

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                  |  |

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| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|   |                                       |              |     |                        |               |
|---|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 1.40                                  | Rating **    | A/W | Issue No.              | 93            |
| LM End  | 1.48                                  | Issue Type + | Ma  | Location *             | CR            |
| Category  | Earthen Levee                         |              |     | GPS Latitude/Longitude |               |
|   |                                       |              |     | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |     | 38.626231 °            | 38.626946 °   |
|   |                                       |              |     | -121.444269 °          | -121.443194 ° |
| DWR ID  | DWR_NA0001_01_f_2021_93               |              |     |                        |               |
| Comment Code  |                                       |              |     |                        |               |
|   |                                       |              |     |                        |               |
| Inspector Comment                                   |                                       |              |     |                        |               |
| Permit 19129 to replace a 24" RCP pipe and outfall. |                                       |              |     |                        |               |
|   |                                       |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_93\_20211007\_00151.jpg



Construction of new outfall and pipe in the levee. Fall 2021

|                   |                         |              |    |                        |               |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start          | 1.41                    | Rating **    | N  | Issue No.              | 72            |
| LM End            | 1.41                    | Issue Type + | Ma | Location *             | LS            |
| Category          | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                   |                         |              |    | Start                  | End           |
| Item              | Trim / Thin Trees       |              |    | 38.626253 °            | 38.626253 °   |
|                   |                         |              |    | -121.444165 °          | -121.444165 ° |
| DWR ID            | DWR_NA0001_01_f_2015_72 |              |    |                        |               |
| Comment Code      |                         |              |    |                        |               |
| T5 : Tree stumps. |                         |              |    |                        |               |
| Inspector Comment |                         |              |    |                        |               |
|                   |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_72\_20211007\_00152.jpg



Stumps on the LS toe. Fall 2021

|   |                         |              |     |                        |               |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 1.50                    | Rating **    | A/W | Issue No.              | 92            |
| LM End  | 1.50                    | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|   |                         |              |     | Start                  | End           |
| Item  | Animal Control          |              |     | 38.627147 °            | 38.627147 °   |
|   |                         |              |     | -121.442789 °          | -121.442789 ° |
| DWR ID  | DWR_NA0001_01_f_2021_92 |              |     |                        |               |
| Comment Code  |                         |              |     |                        |               |
| A1 : Exterminate rodents and backfill and compact or grout burrows. |                         |              |     |                        |               |
| Inspector Comment   |                         |              |     |                        |               |
| Burrows have been backfilled. Monitor for new activity.             |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_92\_20211012\_00183.jpg



Repaired burrows on the LS slope. Fall 2021

\* 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



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**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 01 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.55                    | Rating **    | M  | Issue No.              | 91            |
| LM End  | 1.55                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 38.627302 °            | 38.627302 °   |
|   |                         |              |    | -121.442074 °          | -121.442074 ° |
| DWR ID  | DWR_NA0001_01_f_2021_91 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| Exterminate rodents and backfill holes.   |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_91\_20211007\_00161.jpg



Burrows in the LS crown. Fall 2021

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.69                    | Rating **    | N  | Issue No.              | 74            |
| LM End  | 1.69                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 38.627607 °            | 38.627607 °   |
|   |                         |              |    | -121.439545 °          | -121.439545 ° |
| DWR ID  | DWR_NA0001_01_s_2017_74 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T5 : Tree stumps.                                     |                         |              |    |                        |               |
| Inspector Comment                                     |                         |              |    |                        |               |
| There is a 24-inch large tree stump at the levee toe. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_74\_20210823\_00038.jpg



View of the tree stump at the levee toe.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start                                | 1.76                    | Rating **    | M  | Issue No.              | 89            |
| LM End                                  | 1.76                    | Issue Type + | Ma | Location *             | LS            |
| Category                                | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item                                    | Slope Stability         |              |    | 38.627915 °            | 38.627915 °   |
|   |                         |              |    | -121.438226 °          | -121.438226 ° |
| DWR ID                                  | DWR_NA0001_01_f_2021_89 |              |    |                        |               |
| Comment Code                            |                         |              |    |                        |               |
| S1 : Repair slope instability.          |                         |              |    |                        |               |
| Inspector Comment                       |                         |              |    |                        |               |
| Vehicle/Footpath on the landside slope. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_89\_20211007\_00165.jpg



Vehicle and footpath on the LS slope. Fall 2021

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <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 Arcade Creek | Left | 2.08       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|  |                         |              |     |                        |    |               |
|--|-------------------------|--------------|-----|------------------------|----|---------------|
| LM Start   | 1.96                    | Rating **    | A/W | Issue No.              | 86 |               |
| LM End   | 1.96                    | Issue Type + | Ma  | Location *             | LS |               |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |    |               |
|  |                         |              |     | Start                  |    | End           |
| Item   | Slope Stability         |              |     | 38.627556 °            |    | 38.627556 °   |
|  |                         |              |     | -121.434766 °          |    | -121.434766 ° |
| DWR ID   | DWR_NA0001_01_f_2021_86 |              |     |                        |    |               |
| Comment Code   |                         |              |     |                        |    |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |    |               |
| Inspector Comment  |                         |              |     |                        |    |               |
| Two footpaths at the street end.   |                         |              |     |                        |    |               |

Photo 1 of 1 : FA\_2021\_NA0001\_51\_86\_20211007\_00179.jpg



Two footpaths on the LS slope. Fall 2021

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

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Levee Inspections**

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### American River Flood Control District

| Waterway                    | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|-----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Natomas E Canal | Left | 3.93       | 10/04/2021<br>10/04/2021 | Marvin Marshall |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.32                    | Rating **    | M  | Issue No.              | 26            |
| LM End  | 0.32                    | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Encroachments           |              |    | 38.605696 °            | 38.605696 °   |
|   |                         |              |    | -121.468202 °          | -121.468202 ° |
| DWR ID  | DWR_NA0001_02_f_2021_26 |              |    |                        |               |
| Comment Code                                    |                         |              |    |                        |               |
| DE : Debris                                     |                         |              |    |                        |               |
| Inspector Comment                               |                         |              |    |                        |               |
| Remove washer/dryer and fenceboards from crown. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_52\_26\_20211006\_00059.jpg



Debris on the crown. Fall 2021

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.33                    | Rating **    | A/W | Issue No.              | 23            |
| LM End   | 0.33                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.605827 °            | 38.605827 °   |
|  |                         |              |     | -121.468071 °          | -121.468071 ° |
| DWR ID   | DWR_NA0001_02_f_2018_23 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| A footpath going down the LS levee slope is causing depressions of less than 3 inches. |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_52\_23\_20210823\_00004.jpg



View of footpath on levee slope. Fall 2018

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 2.01                    | Rating **    | A/W | Issue No.              | 32            |
| LM End   | 2.01                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.629855 °            | 38.629855 °   |
|  |                         |              |     | -121.469667 °          | -121.469667 ° |
| DWR ID   | DWR_NA0001_02_s_2020_32 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Steps are dug into the slope. Continue to monitor.                                     |                         |              |     |                        |               |

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<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 2021**

**American River Flood Control District**

| Waterway                    | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|-----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 02 Natomas E Canal | Left | 3.93       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|  |                           |              |     |                        |               |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 2.78                      | Rating **    | A/W | Issue No.              | 31            |
| LM End   | 2.78                      | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee             |              |     | GPS Latitude/Longitude |               |
|  |                           |              |     | Start                  | End           |
| Item   | Slope Stability           |              |     | 38.640828 °            | 38.640828 °   |
|  |                           |              |     | -121.471778 °          | -121.471778 ° |
| DWR ID   | DWR_NA0001_02_s _ 2020_31 |              |     |                        |               |
| Comment Code   |                           |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                           |              |     |                        |               |
| Inspector Comment  |                           |              |     |                        |               |
| Steps were dug into the slope. Continue to monitor.                                    |                           |              |     |                        |               |

No Photos

|  |                           |              |     |                        |               |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.10                      | Rating **    | A/W | Issue No.              | 30            |
| LM End   | 3.10                      | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee             |              |     | GPS Latitude/Longitude |               |
|  |                           |              |     | Start                  | End           |
| Item   | Slope Stability           |              |     | 38.645463 °            | 38.645463 °   |
|  |                           |              |     | -121.472667 °          | -121.472667 ° |
| DWR ID   | DWR_NA0001_02_s _ 2020_30 |              |     |                        |               |
| Comment Code   |                           |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                           |              |     |                        |               |
| Inspector Comment  |                           |              |     |                        |               |
| Steps were dug into the slope. Continue to monitor.                                    |                           |              |     |                        |               |

No Photos

|  |                           |              |     |                        |               |
|--|---------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.69                      | Rating **    | A/W | Issue No.              | 28            |
| LM End   | 3.69                      | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee             |              |     | GPS Latitude/Longitude |               |
|  |                           |              |     | Start                  | End           |
| Item   | Slope Stability           |              |     | 38.653880 °            | 38.653880 °   |
|  |                           |              |     | -121.474253 °          | -121.474253 ° |
| DWR ID   | DWR_NA0001_02_s _ 2020_28 |              |     |                        |               |
| Comment Code   |                           |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                           |              |     |                        |               |
| Inspector Comment  |                           |              |     |                        |               |
| Steps are dug into the slope. Continue to monitor.                                     |                           |              |     |                        |               |

No Photos

|                   |                      |                          |   |                                   |  |
|-------------------|----------------------|--------------------------|---|-----------------------------------|--|
| <b>* Location</b> |                      | <b>** Rating</b>         |   | <b>+ Issue Type</b>               |  |
| 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**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                    | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|-----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 02 Natomas E Canal | Left | 3.93       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.78                    | Rating **    | A/W | Issue No.              | 27            |
| LM End   | 3.78                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.655263 °            | 38.655263 °   |
|  |                         |              |     | -121.474530 °          | -121.474530 ° |
| DWR ID   | DWR_NA0001_02_s_2020_27 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Steps are dug into the landside slope. Continue to monitor.                            |                         |              |     |                        |               |

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<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 2021**

**American River Flood Control District**

| Waterway                   | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|----------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 03 American River | Right | 2.86       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.17                    | Rating **    | A/W | Issue No.              | 10            |
| LM End   | 3.17                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.599172 °            | 38.599172 °   |
|  |                         |              |     | -121.470252 °          | -121.470252 ° |
| DWR ID   | DWR_NA0001_03_f_2019_10 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
|  |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_490\_10\_20210823\_00001.jpg



View of footpaths around column for the overpass. Fall 2019

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.19                    | Rating **    | A/W | Issue No.              | 26            |
| LM End   | 3.19                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Encroachments           |              |     | 38.599442 °            | 38.599442 °   |
|  |                         |              |     | -121.470435 °          | -121.470435 ° |
| DWR ID   | DWR_NA0001_03_s_2020_26 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| DE : Debris  |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Large debris pile has been removed, but is starting to build up again.<br>Monitor the site and remove debris as necessary. |                         |              |     |                        |               |

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                      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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|  |                             |              |    |                        |               |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.40                        | Rating **    | M  | Issue No.              | 387           |
| LM End   | 0.40                        | Issue Type + | Ma | Location *             |               |
| Category   | Supplemental                |              |    | GPS Latitude/Longitude |               |
|  |                             |              |    | Start                  | End           |
| Item   | DWR UCIP LMA Responsibility |              |    | 38.600436 °            | 38.600436 °   |
|  |                             |              |    | -121.502058 °          | -121.502058 ° |
| DWR ID   | 24303                       |              |    |                        |               |
| Comment Code   |                             |              |    |                        |               |
|  |                             |              |    |                        |               |
| Inspector Comment  |                             |              |    |                        |               |
| DS_ID:24303<br>FS_ID:69301<br>EP_NO: N/A<br>Repair Type: Non-Urgent<br>EVAL Issue: Geophysical Evaluation (Confirmed)<br>Crossing Status: Found<br>UCIP Comments: 06/25/2020 Crossing evaluated as "Non-Urgent" because pipe was abandoned and there was no permit found authorizing this pipe. Geophysical evaluation found evidence of a pipe at this location. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. No owner was identified, ARFCD Staff Notes indicate Abandoned (ARFCD/Bill) - No As-builts. (DWR UCIP - O. Magana)<br>12/19/2013 Non-functional crossing--need additional information about how crossing was abandoned. (DWR UCIP - O. Magana)<br>FIELD_STRUCT_DESC: *ABANDONED* 42-inch corrugated metal (CM) drainage pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterside (WS) end. Slide gate inside a CM riser and splash board drain structure on the landside (LS). (No permit found authorizing this structure. Owner unknown). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.44). USACE Sacramento O&M Manual Unit 118, Part No. 1, August 1955, (Station 10+00). USACE As-Built Drawing No. 50-10-2792, Sheet 2792/1, (Station 10+00), March 1951].<br>FS Date: 6/25/2020 |                             |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2021\_69301\_57212.jpg



Overview of crossing location.

|  |   |   |
|--|---|---|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|          |                             |              |                        |               |                   |
|----------|-----------------------------|--------------|------------------------|---------------|-------------------|
| LM Start | <b>0.40</b>                 | Rating **    | M                      | Issue No.     | <b>387 (cont)</b> |
| LM End   | <b>0.40</b>                 | Issue Type + | Ma                     | Location *    |                   |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |                   |
|          |                             |              | Start                  | End           |                   |
| Item     | DWR UCIP LMA Responsibility |              | 38.600436 °            | 38.600436 °   |                   |
|          |                             |              | -121.502058 °          | -121.502058 ° |                   |
| DWR ID   | 24303                       |              |                        |               |                   |

Photo 2 of 3 : UCIP\_FA\_2021\_69301\_57209.jpg



View of levee crown at this location.

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>0.40</b> | Rating **    | M  | Issue No.  | <b>387 (cont)</b> |
| LM End   | <b>0.40</b> | Issue Type + | Ma | Location * |                   |

Photo 3 of 3 : UCIP\_FA\_2021\_69301\_57210.jpg



View of waterward side--standpipe located on waterward slope.  
Standpipe filled with concrete.

|  |  |   |  |   |
|--|--|---|--|---|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin<br>Marshall |

|   |                           |              |     |                        |               |  |
|---|---------------------------|--------------|-----|------------------------|---------------|--|
| LM Start  | 1.49                      | Rating **    | A/W | Issue No.              | 184           |  |
| LM End  | 1.65                      | Issue Type + | Ma  | Location *             | WS            |  |
| Category  | Supplemental              |              |     | GPS Latitude/Longitude |               |  |
|   |                           |              |     | Start                  | End           |  |
| Item  | 2018 USACE Erosion Survey |              |     | 38.599878 °            | 38.598791 °   |  |
|   |                           |              |     | -121.482483 °          | -121.479799 ° |  |
| DWR ID  |                           |              |     |                        |               |  |
| Comment Code  |                           |              |     |                        |               |  |
|   |                           |              |     |                        |               |  |
| Inspector Comment   |                           |              |     |                        |               |  |
| 2018 Site ID: LAR 1.8 L   |                           |              |     |                        |               |  |
| Status: Eroding   |                           |              |     |                        |               |  |
| 2018 Field Notes: Still covered in homeless camps, inspection difficult but increased damage from people.   |                           |              |     |                        |               |  |
| Site History: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2017 - Site littered with homeless camps. Hard to survey. Site extended downstream. |                           |              |     |                        |               |  |

No Photos

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.79                     | Rating **    | C  | Issue No.              | 352           |
| LM End   | 1.87                     | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 38.596987 °            | 38.596052 °   |
|  |                          |              |    | -121.478380 °          | -121.477555 ° |
| DWR ID   | DWR_NA0001_04_f_2020_352 |              |    |                        |               |
| Comment Code   |                          |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                          |              |    |                        |               |
| Inspector Comment  |                          |              |    |                        |               |
|  |                          |              |    |                        |               |

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

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021

### American River Flood Control District

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 4.29                     | Rating **    | A/W | Issue No.              | 283           |
| LM End   | 4.29                     | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.582640 °            | 38.582640 °   |
|  |                          |              |     | -121.442064 °          | -121.442064 ° |
| DWR ID   | DWR_NA0001_04_f_2018_283 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Monitor footpath on the LS slope.  |                          |              |     |                        |               |

No Photos

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 4.65                     | Rating **    | A/W | Issue No.              | 333           |
| LM End   | 4.65                     | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.580961 °            | 38.580961 °   |
|  |                          |              |     | -121.435765 °          | -121.435765 ° |
| DWR ID   | DWR_NA0001_04_s_2021_333 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| A footpath is going straight down the LS levee slope.                                  |                          |              |     |                        |               |

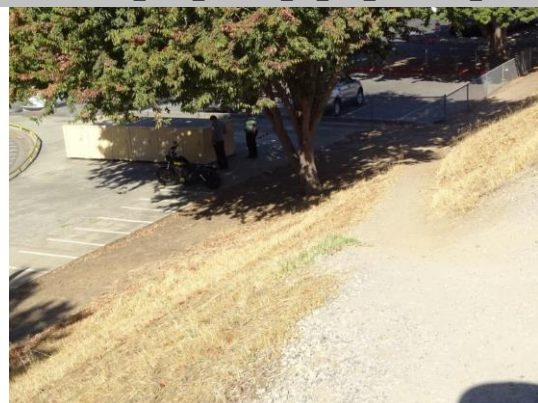
Photo 1 of 1 : FA\_2021\_NA0001\_55\_333\_20210823\_00207.jpg



View of the footpath going down the LS levee slope. Spring 2021.

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 6.34                     | Rating **    | A/W | Issue No.              | 270           |
| LM End   | 6.34                     | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.564833 °            | 38.564833 °   |
|  |                          |              |     | -121.422947 °          | -121.422947 ° |
| DWR ID   | DWR_NA0001_04_f_2018_270 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Monitor footpath.  |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_270\_20210823\_00193.jpg



View of footpath on slope. Fall 2018

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 6.45                     | Rating **    | A/W | Issue No.              | 288           |
| LM End   | 6.45                     | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.563243 °            | 38.563243 °   |
|  |                          |              |     | -121.422423 °          | -121.422423 ° |
| DWR ID   | DWR_NA0001_04_s_2019_288 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Monitor footpath.  |                          |              |     |                        |               |

No Photos

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 6.71                     | Rating **    | A/W | Issue No.              | 383           |
| LM End  | 6.71                     | Issue Type + | Ma  | Location *             | WS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 38.560383 °            | 38.560383 °   |
|   |                          |              |     | -121.419502 °          | -121.419502 ° |
| DWR ID  | DWR_NA0001_04_f_2020_383 |              |     |                        |               |
| 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\_2021\_NA0001\_55\_383\_20210823\_00218.jpg



View of animal holes on the waterside slope. Fall 2020

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.78                     | Rating **    | C  | Issue No.              | 382           |
| LM End  | 6.78                     | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Animal Control           |              |    | 38.559625 °            | 38.559625 °   |
|   |                          |              |    | -121.418643 °          | -121.418643 ° |
| DWR ID  | DWR_NA0001_04_f_2020_382 |              |    |                        |               |
| Comment Code  |                          |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                          |              |    |                        |               |
| Inspector Comment   |                          |              |    |                        |               |
|   |                          |              |    |                        |               |

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  |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|  |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |   |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 6.85                     | Rating **    | A/W | Issue No.              | 366           |
| LM End  | 6.85                     | Issue Type + | Ma  | Location *             | WS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 38.558945 °            | 38.558945 °   |
|   |                          |              |     | -121.417718 °          | -121.417718 ° |
| DWR ID  | DWR_NA0001_04_f_2020_366 |              |     |                        |               |
| Comment Code  |                          |              |     |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                          |              |     |                        |               |
| Inspector Comment   |                          |              |     |                        |               |
| Continue to monitor for new rodent activity.  |                          |              |     |                        |               |

No Photos

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 6.87                     | Rating **    | A/W | Issue No.              | 368           |
| LM End  | 6.87                     | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 38.558615 °            | 38.558615 °   |
|   |                          |              |     | -121.417497 °          | -121.417497 ° |
| DWR ID  | DWR_NA0001_04_f_2020_368 |              |     |                        |               |
| 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\_2021\_NA0001\_55\_368\_20210823\_00216.jpg



View of large animal hole on the landside slope within the City Fairbairn Plant. Fall 2020

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 8.34                     | Rating **    | M  | Issue No.              | 315           |
| LM End  | 8.34                     | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Slope Stability          |              |    | 38.562653 °            | 38.562653 °   |
|   |                          |              |    | -121.391675 °          | -121.391675 ° |
| DWR ID  | DWR_NA0001_04_f_2021_315 |              |    |                        |               |
| Comment Code  |                          |              |    |                        |               |
| S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. |                          |              |    |                        |               |
| Inspector Comment   |                          |              |    |                        |               |
| Repair rutting from vehicles driving up slope.  |                          |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_315\_20211011\_00444.jpg



Rutting on the LS slope. Fall 2021

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|   |                          |              |     |                        |               |
|---|--------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 8.73                     | Rating **    | A/W | Issue No.              | 379           |
| LM End  | 8.73                     | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|   |                          |              |     | Start                  | End           |
| Item  | Animal Control           |              |     | 38.564545 °            | 38.564545 °   |
|   |                          |              |     | -121.384898 °          | -121.384898 ° |
| DWR ID  | DWR_NA0001_04_f_2020_379 |              |     |                        |               |
| 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\_2021\_NA0001\_55\_379\_20210823\_00217.jpg



View of large animal hole at the landside toe. Fall 2020

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 8.95                     | Rating **    | A/W | Issue No.              | 252           |
| LM End   | 8.95                     | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.565696 °            | 38.565696 °   |
|  |                          |              |     | -121.381141 °          | -121.381141 ° |
| DWR ID   | DWR_NA0001_04_f_2018_252 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Monitor slope damage from foot traffic.  |                          |              |     |                        |               |

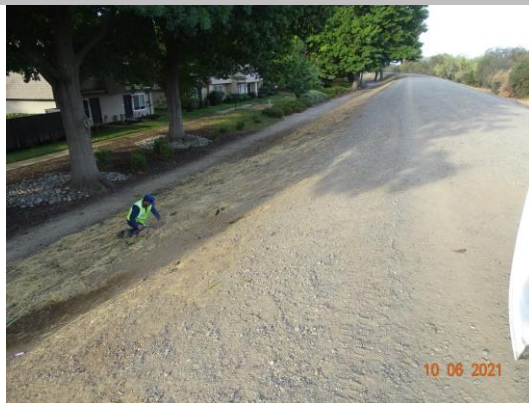
Photo 1 of 1 : FA\_2021\_NA0001\_55\_252\_20210823\_00184.jpg



View of footpath on levee toe. Fall 2018

|                                    |                          |              |     |                        |               |
|------------------------------------|--------------------------|--------------|-----|------------------------|---------------|
| LM Start                           | 9.32                     | Rating **    | A/W | Issue No.              | 314           |
| LM End                             | 9.32                     | Issue Type + | Ma  | Location *             | LS            |
| Category                           | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|                                    |                          |              |     | Start                  | End           |
| Item                               | Animal Control           |              |     | 38.566702 °            | 38.566702 °   |
|                                    |                          |              |     | -121.374621 °          | -121.374621 ° |
| DWR ID                             | DWR_NA0001_04_f_2021_314 |              |     |                        |               |
| Comment Code                       |                          |              |     |                        |               |
|                                    |                          |              |     |                        |               |
| Inspector Comment                  |                          |              |     |                        |               |
| Rodent control program in process. |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_314\_20211011\_00445.jpg



Rodent holes being grouted. Fall 2021

\* 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**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin Marshall |

|                   |                          |              |    |                        |     |               |
|-------------------|--------------------------|--------------|----|------------------------|-----|---------------|
| LM Start          | 9.72                     | Rating **    | N  | Issue No.              | 234 |               |
| LM End            | 9.72                     | Issue Type + | Ma | Location *             | LS  |               |
| Category          | Earthen Levee            |              |    | GPS Latitude/Longitude |     |               |
|                   |                          |              |    | Start                  |     | End           |
| Item              | Trim / Thin Trees        |              |    | 38.567761 °            |     | 38.567761 °   |
|                   |                          |              |    | -121.367363 °          |     | -121.367363 ° |
| DWR ID            | DWR_NA0001_04_s_2015_234 |              |    |                        |     |               |
| Comment Code      |                          |              |    |                        |     |               |
| T5 : Tree stumps. |                          |              |    |                        |     |               |
| Inspector Comment |                          |              |    |                        |     |               |
|                   |                          |              |    |                        |     |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_234\_20210823\_00176.jpg



View of the tree stump at the landside levee toe.

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 10.09                    | Rating **    | A/W | Issue No.              | 141           |
| LM End   | 10.09                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.569336 °            | 38.569336 °   |
|  |                          |              |     | -121.360802 °          | -121.360802 ° |
| DWR ID   | DWR_NA0001_04_s_2021_141 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Footpaths are going down the LS levee slope within 50 ft of each other.                |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_141\_20210823\_00107.jpg



View of one of the two footpaths going down the LS levee slope. Spring 2021.

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 10.23                    | Rating **    | A/W | Issue No.              | 311           |
| LM End   | 10.23                    | Issue Type + | Ma  | Location *             | WS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.569960 °            | 38.569960 °   |
|  |                          |              |     | -121.358296 °          | -121.358296 ° |
| DWR ID   | DWR_NA0001_04_f_2021_311 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Two footpaths on the WS slope.   |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_311\_20211011\_00449.jpg



Footpath on the LS slope. Fall 2021

\* 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**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 04 American River | Left | 10.86      | 10/06/2021<br>10/06/2021 | Marvin<br>Marshall |

|  |                          |              |     |                        |               |
|--|--------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 10.42                    | Rating **    | A/W | Issue No.              | 329           |
| LM End   | 10.42                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee            |              |     | GPS Latitude/Longitude |               |
|  |                          |              |     | Start                  | End           |
| Item   | Slope Stability          |              |     | 38.570513 °            | 38.570513 °   |
|  |                          |              |     | -121.354934 °          | -121.354934 ° |
| DWR ID   | DWR_NA0001_04_f_2021_329 |              |     |                        |               |
| Comment Code   |                          |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                          |              |     |                        |               |
| Inspector Comment  |                          |              |     |                        |               |
| Footpaths are going down the LS levee slope.   |                          |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_55\_329\_20210823\_00204.jpg



View of the footpaths going the the LS levee slope. Spring 2021.

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 10.62                    | Rating **    | M  | Issue No.              | 369           |
| LM End   | 10.65                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 38.568473 °            | 38.568055 °   |
|  |                          |              |    | -121.353010 °          | -121.352817 ° |
| DWR ID   | DWR_NA0001_04_f_2020_369 |              |    |                        |               |
| Comment Code   |                          |              |    |                        |               |
| V2 : Remove the wild growth other than native grasses from the levee slopes. |                          |              |    |                        |               |
| Inspector Comment  |                          |              |    |                        |               |
|  |                          |              |    |                        |               |

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                      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 2021**

**American River Flood Control District**

| Waterway                     | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 05 Sacramento River | Left | 0.41       | 10/06/2021<br>10/06/2021 | Marvin<br>Marshall |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.13                    | Rating **    | C  | Issue No.              | 26            |
| LM End  | 0.13                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Animal Control          |              |    | 38.594700 °            | 38.594700 °   |
|   |                         |              |    | -121.506405 °          | -121.506405 ° |
| DWR ID  | DWR_NA0001_05_f_2020_26 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
|   |                         |              |    |                        |               |

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                      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 2021**

**American River Flood Control District**

| Waterway                | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|-------------------------|------|------------|--------------------------|--------------------|
| Unit No. 06 Linda Creek | Left | 1.30       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|          |                             |              |    |                        |               |
|----------|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.02                        | Rating **    | M  | Issue No.              | 18 (cont)     |
| LM End   | 0.02                        | Issue Type + | Ma | Location *             |               |
| Category | Supplemental                |              |    | GPS Latitude/Longitude |               |
|          |                             |              |    | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |    | 38.657400 °            | 38.657400 °   |
|          |                             |              |    | -121.474455 °          | -121.474455 ° |
| DWR ID   | 24092                       |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2021\_68568\_85771.jpg



Overview of WS levee slope looking u/s.

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.71                    | Rating **    | A/W | Issue No.              | 15            |
| LM End   | 0.71                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.660280 °            | 38.660280 °   |
|  |                         |              |     | -121.462452 °          | -121.462452 ° |
| DWR ID   | DWR_NA0001_06_s_2021_15 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| A footpath with rilling is on the LS slope.  |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_57\_15\_20211013\_00045.jpg



Footpath on the LS shoulder. Fall 2021

|   |  |  |  |  |
|---|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<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 |  | + Issue Type<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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------|------|------------|--------------------------|--------------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.63                    | Rating **    | A/W | Issue No.              | 65            |
| LM End   | 0.63                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.625305 °            | 38.625305 °   |
|  |                         |              |     | -121.458374 °          | -121.458374 ° |
| DWR ID   | DWR_NA0001_07_s_2021_65 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Footpath on the LS slope.  |                         |              |     |                        |               |

No Photos

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.76                    | Rating **    | A/W | Issue No.              | 50            |
| LM End   | 0.76                    | Issue Type + | Ma  | Location *             | WS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.624848 °            | 38.624848 °   |
|  |                         |              |     | -121.456102 °          | -121.456102 ° |
| DWR ID   | DWR_NA0001_07_s_2020_50 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Campers dug steps into the waterside slope.  |                         |              |     |                        |               |

No Photos

|  |                                       |              |     |                        |               |
|--|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start                                   | 1.21                                  | Rating **    | A/W | Issue No.              | 57            |
| LM End                                     | 1.21                                  | Issue Type + | Ma  | Location *             | LS            |
| Category                                   | Earthen Levee                         |              |     | GPS Latitude/Longitude |               |
|  |                                       |              |     | Start                  | End           |
| Item                                       | Crown Surface / Depressions / Rutting |              |     | 38.625724 °            | 38.625724 °   |
|  |                                       |              |     | -121.447996 °          | -121.447996 ° |
| DWR ID                                     | DWR_NA0001_07_f_2021_57               |              |     |                        |               |
| Comment Code                               |                                       |              |     |                        |               |
|  |                                       |              |     |                        |               |
| Inspector Comment                          |                                       |              |     |                        |               |
| Construction on the LS and WS for outfall. |                                       |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_58\_57\_20211007\_00093.jpg



Construction on the outfall. Fall 2021

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<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 |  | + Issue Type<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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|          |                             |              |     |                        |               |
|----------|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.33                        | Rating **    | A/W | Issue No.              | 82            |
| LM End   | 1.33                        | Issue Type + | Ma  | Location *             |               |
| Category | Supplemental                |              |     | GPS Latitude/Longitude |               |
|          |                             |              |     | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |     | 38.626321 °            | 38.626321 °   |
|          |                             |              |     | -121.445964 °          | -121.445964 ° |
| DWR ID   | 24370                       |              |     |                        |               |

**Comment Code**

**Inspector Comment**

DS\_ID:24370  
FS\_ID:69448  
EP\_NO: N/A  
Repair Type: No Action Needed  
EVAL Issue: Compliant  
Crossing Status: Found  
UCIP Comments: 06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade CK just upstream of Rio Linda. (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 11.0 feet below the crown. Slide gate inside a CM riser on the waterside (WS) slope. Flap gate on the WS end. Concrete headwall on each end, WS and landside (LS). (No permit found authorizing this structure. Structure is owned by the City of Sacramento). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.31). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 70+09). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 70+09), December 1954].  
FS Date: 6/18/2020

|          |             |              |     |            |                  |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | <b>1.33</b> | Rating **    | A/W | Issue No.  | <b>82 (cont)</b> |
| LM End   | <b>1.33</b> | Issue Type + | Ma  | Location * |                  |

Photo 1 of 3 : UCIP\_FA\_2021\_69448\_85701.jpg



Overview of levee crown looking d/s.

Photo 2 of 3 : UCIP\_FA\_2021\_69448\_85702.jpg



Overview of LS levee slope looking d/s.

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



**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------|------|------------|--------------------------|--------------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|          |                             |              |     |                        |               |
|----------|-----------------------------|--------------|-----|------------------------|---------------|
| LM Start | 1.33                        | Rating **    | A/W | Issue No.              | 82 (cont)     |
| LM End   | 1.33                        | Issue Type + | Ma  | Location *             |               |
| Category | Supplemental                |              |     | GPS Latitude/Longitude |               |
|          |                             |              |     | Start                  | End           |
| Item     | DWR UCIP LMA Responsibility |              |     | 38.626321 °            | 38.626321 °   |
|          |                             |              |     | -121.445964 °          | -121.445964 ° |
| DWR ID   | 24370                       |              |     |                        |               |

Photo 3 of 3 : UCIP\_FA\_2021\_69448\_85703.jpg



Overview of WS levee slope looking d/s.

|  |   |   |
|--|---|---|
| <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 2021

### American River Flood Control District

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|          |                             |              |                        |               |           |
|----------|-----------------------------|--------------|------------------------|---------------|-----------|
| LM Start | <b>1.47</b>                 | Rating **    | A/W                    | Issue No.     | <b>83</b> |
| LM End   | <b>1.47</b>                 | Issue Type + | Ma                     | Location *    |           |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |           |
|          |                             |              | Start                  | End           |           |
| Item     | DWR UCIP LMA Responsibility |              | 38.627201 °            | 38.627201 °   |           |
|          |                             |              | -121.443790 °          | -121.443790 ° |           |
| DWR ID   | 24371                       |              |                        |               |           |

**Comment Code**

**Inspector Comment**

DS\_ID:24371  
FS\_ID:69449  
EP\_NO: N/A  
Repair Type: No Action Needed  
EVAL Issue: Compliant  
Crossing Status: Found  
UCIP Comments: 06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck near Rivera Dr at Branch St. (DWR UCIP - O. Magana)  
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).  
06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 11/25/2013, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. PACP report indicates a 24-inch reinforced concrete pipe (RCP) not 24-inch corrugated metal pipe (CMP). (DWR UCIP - O. Magana)  
FIELD\_STRUCT\_DESC: 24-inch reinforced concrete (RC) drainage pipe through the levee, 9.3 feet below the crown. Concrete headwall on each end, waterside (WS) and landside (LS). Slide gate inside a CM riser located on the WS slope. Flap gate located on the WS end. (24-inch pipe referenced in the USACE O&M Manual. No permit found authorizing this structure. Owner is the City of Sacramento. According to permit records for 12886 "old pipe removed. Concrete pipe in placed and backfilled part of it." Conflicting information makes it difficult to determine the fate of the 24-inch pipe (extent of work completed under permit). 30-inch pipe and removal of old pipe was authorized under Permit No. 12886, 1980 - City of Sacramento. To remove and replace an existing 24-inch reinforced concrete pipe authorized by Permit No. 19129, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.45). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 77+12). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 77+12), December 1954].  
FS Date: 6/18/2020

Photo 1 of 3 : UCIP\_FA\_2021\_69449\_85706.jpg



Overview of levee crown looking u/s.

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

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|--------------------------|------|------------|--------------------------|--------------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|          |                             |              |                        |               |                  |
|----------|-----------------------------|--------------|------------------------|---------------|------------------|
| LM Start | <b>1.47</b>                 | Rating **    | A/W                    | Issue No.     | <b>83 (cont)</b> |
| LM End   | <b>1.47</b>                 | Issue Type + | Ma                     | Location *    |                  |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |                  |
|          |                             |              | Start                  | End           |                  |
| Item     | DWR UCIP LMA Responsibility |              | 38.627201 °            | 38.627201 °   |                  |
|          |                             |              | -121.443790 °          | -121.443790 ° |                  |
| DWR ID   | 24371                       |              |                        |               |                  |

Photo 2 of 3 : UCIP\_FA\_2021\_69449\_85707.jpg



Overview of LS levee slope looking u/s.

|          |             |              |     |            |                  |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | <b>1.47</b> | Rating **    | A/W | Issue No.  | <b>83 (cont)</b> |
| LM End   | <b>1.47</b> | Issue Type + | Ma  | Location * |                  |

Photo 3 of 3 : UCIP\_FA\_2021\_69449\_85708.jpg



Overview of WS levee slope looking u/s.

|  |  |   |  |   |
|--|--|---|--|---|
| <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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|          |                             |              |                        |               |    |
|----------|-----------------------------|--------------|------------------------|---------------|----|
| LM Start | 1.72                        | Rating **    | A/W                    | Issue No.     | 84 |
| LM End   | 1.72                        | Issue Type + | Ma                     | Location *    |    |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |    |
|          |                             |              | Start                  | End           |    |
| Item     | DWR UCIP LMA Responsibility |              | 38.628108 °            | 38.628108 °   |    |
|          |                             |              | -121.439471 °          | -121.439471 ° |    |
| DWR ID   | 24373                       |              |                        |               |    |

**Comment Code**

**Inspector Comment**

DS\_ID:24373  
FS\_ID:69453  
EP\_NO: 19126  
Repair Type: No Action Needed  
EVAL Issue: Compliant  
Crossing Status: Found  
UCIP Comments: 06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana)  
06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).  
FIELD\_STRUCT\_DESC: 24-inch reinforced concrete (RC) drainage pipe through the levee, 7.8 feet below the crown. Concrete headwall on each end, waterside (WS) and landside (LS). Slide gate inside a corrugated metal (CM) riser on the WS slope. Flap gate at the outlet on the WS. (No permit found authorizing this structure. Structure is owned by the City of Sacramento. Removal and replacement of an existing 24-inch RC pipe authorized under Permit No. 19126, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.70). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 90+69). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 90+69), December 1954].  
FS Date: 6/18/2020

Photo 1 of 3 : UCIP\_FA\_2021\_69453\_85728.jpg



Overview of levee crown looking u/s.

|  |  |   |  |   |
|--|--|---|--|---|
| <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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|          |                             |              |                        |               |                  |
|----------|-----------------------------|--------------|------------------------|---------------|------------------|
| LM Start | <b>1.72</b>                 | Rating **    | A/W                    | Issue No.     | <b>84 (cont)</b> |
| LM End   | <b>1.72</b>                 | Issue Type + | Ma                     | Location *    |                  |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |                  |
|          |                             |              | Start                  | End           |                  |
| Item     | DWR UCIP LMA Responsibility |              | 38.628108 °            | 38.628108 °   |                  |
|          |                             |              | -121.439471 °          | -121.439471 ° |                  |
| DWR ID   | 24373                       |              |                        |               |                  |

Photo 2 of 3 : UCIP\_FA\_2021\_69453\_85729.jpg



Overview of LS levee slope looking u/s.

|          |             |              |     |            |                  |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | <b>1.72</b> | Rating **    | A/W | Issue No.  | <b>84 (cont)</b> |
| LM End   | <b>1.72</b> | Issue Type + | Ma  | Location * |                  |

Photo 3 of 3 : UCIP\_FA\_2021\_69453\_85730.jpg



Overview of WS levee slope looking u/s.

|  |  |   |  |   |
|--|--|---|--|---|
| <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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|  |                             |              |     |                        |               |  |
|--|-----------------------------|--------------|-----|------------------------|---------------|--|
| LM Start   | 1.83                        | Rating **    | A/W | Issue No.              | 86            |  |
| LM End   | 1.83                        | Issue Type + | Ma  | Location *             |               |  |
| Category   | Supplemental                |              |     | GPS Latitude/Longitude |               |  |
|  |                             |              |     | Start                  | End           |  |
| Item   | DWR UCIP LMA Responsibility |              |     | 38.628381 °            | 38.628381 °   |  |
|  |                             |              |     | -121.437412 °          | -121.437412 ° |  |
| DWR ID   | 24375                       |              |     |                        |               |  |
| Comment Code   |                             |              |     |                        |               |  |
| Inspector Comment  |                             |              |     |                        |               |  |
| DS_ID:24375<br>FS_ID:69456<br>EP_NO: 19127<br>Repair Type: No Action Needed<br>EVAL Issue: Compliant<br>Crossing Status: Found<br>UCIP Comments: 06/18/2020 Crossing evaluated as "No Action Needed." Permit and inspection requirements have been met. (A. McDonald - DWR UCIP)08/16/2017 DWR Deferred Maintenance Project (DMP), Vince Rodriguez, forwarded email received from Tim Kerr, General Manager of American River Flood Control District (ARFCD) with file "DWR Eligible Pipes Found in ARFCD" from ARFCD that shows the ownership and location of the pipes Tim Kerr investigated. Owner of this crossing is identified as the City of Sacramento, ARFCD Staff Notes indicate Arcade Ck. (DWR UCIP - O. Magana)<br>06/14/2017 This crossing is scheduled to be cut and replaced as part of Sacramento Area Flood Control (SAFCA) North Area Streams (NAS) Levee Improvement Project: City of Sacramento Utility Permit Modifications Along Arcade Creek Levees. Unable to confirm when pipe will be replaced. Need to coordinate with owner and DWR FPIIB Inspector to determine when project is expected to start. (DWR UCIP - O. Magana).<br>FIELD_STRUCT_DESC: 24-inch reinforced concrete (RC) drainage pipe through the levee, 8.6 feet below the crown. Slide gate inside a corrugated metal (CM) riser on the waterside (WS) slope. Flap gate at the outlet on the WS. Concrete headwall on each end, WS and landside (LS). (No permit found authorizing the original structure. Structure is owned by the City of Sacramento. Removal and replacement of an existing 24-inch RC pipe authorized by Permit No. 19127, 2017 - City of Sacramento, Department of Utilities). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.82). USACE Sacramento O&M Manual, Unit 118, Part No. 2, October 1959, (Station A 96+00). USACE As-Built Drawing No. 1-4-392, Sheet 392/6, (Station A 96+00), December 1954].<br>FS Date: 6/18/2020 |                             |              |     |                        |               |  |

Photo 1 of 3 : UCIP\_FA\_2021\_69456\_85741.jpg



Overview of levee crown looking u/s.

|  |  |   |   |
|--|--|---|---|
| <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 2021**

**American River Flood Control District**

| Waterway                 | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 07 Arcade Creek | Left | 1.93       | 10/05/2021<br>10/05/2021 | Marvin Marshall |

|          |                             |              |                        |               |                  |
|----------|-----------------------------|--------------|------------------------|---------------|------------------|
| LM Start | <b>1.83</b>                 | Rating **    | A/W                    | Issue No.     | <b>86 (cont)</b> |
| LM End   | <b>1.83</b>                 | Issue Type + | Ma                     | Location *    |                  |
| Category | Supplemental                |              | GPS Latitude/Longitude |               |                  |
|          |                             |              | Start                  | End           |                  |
| Item     | DWR UCIP LMA Responsibility |              | 38.628381 °            | 38.628381 °   |                  |
|          |                             |              | -121.437412 °          | -121.437412 ° |                  |
| DWR ID   | 24375                       |              |                        |               |                  |

Photo 2 of 3 : UCIP\_FA\_2021\_69456\_85742.jpg



Overview of LS levee slope looking u/s.

|          |             |              |     |            |                  |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | <b>1.83</b> | Rating **    | A/W | Issue No.  | <b>86 (cont)</b> |
| LM End   | <b>1.83</b> | Issue Type + | Ma  | Location * |                  |

Photo 3 of 3 : UCIP\_FA\_2021\_69456\_85743.jpg



Overview of WS levee slope looking u/s.

|  |  |   |  |   |
|--|--|---|--|---|
| <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 2021**

**American River Flood Control District**

| Waterway                           | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|------------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 08 Magpie Creek Diversion | Left | 1.44       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|                          |  |              |                        |            |     |
|--------------------------|--|--------------|------------------------|------------|-----|
| LM Start                 |  | Rating **    |                        | Issue No.  |     |
| LM End                   |  | Issue Type + | --                     | Location * |     |
| Category                 |  |              | GPS Latitude/Longitude |            |     |
|                          |  |              | Start                  |            | End |
| Item                     |  |              |                        | °          |     |
|                          |  |              |                        | °          |     |
| DWR ID                   |  |              |                        |            |     |
| Comment Code             |  |              |                        |            |     |
|                          |  |              |                        |            |     |
| Inspector Comment        |  |              |                        |            |     |
| No issues were reported. |  |              |                        |            |     |

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                      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 2021**

**American River Flood Control District**

| Waterway                   | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 09 American River | Right | 4.20       | 10/04/2021<br>10/04/2021 | Marvin Marshall |

|                   |                         |              |    |                        |               |
|-------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start          | 0.45                    | Rating **    | C  | Issue No.              | 14            |
| LM End            | 0.45                    | Issue Type + | Ma | Location *             | LS            |
| Category          | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                   |                         |              |    | Start                  | End           |
| Item              | Trim / Thin Trees       |              |    | 38.566298 °            | 38.566298 °   |
|                   |                         |              |    | -121.390680 °          | -121.390680 ° |
| DWR ID            | DWR_NA0001_09_s_2012_14 |              |    |                        |               |
| Comment Code      |                         |              |    |                        |               |
| T5 : Tree stumps. |                         |              |    |                        |               |
| Inspector Comment |                         |              |    |                        |               |
|                   |                         |              |    |                        |               |

No Photos

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 1.43                    | Rating **    | A/W | Issue No.              | 39            |
| LM End   | 1.43                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.561771 °            | 38.561771 °   |
|  |                         |              |     | -121.407846 °          | -121.407846 ° |
| DWR ID   | DWR_NA0001_09_s_2021_39 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| A footpath with visible rills is going down the LS levee slope.                        |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_60\_39\_20210823\_00005.jpg



View of the footpath and rills on the LS levee slope. Spring 2021.

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 2.67                    | Rating **    | A/W | Issue No.              | 18            |
| LM End   | 2.67                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.571065 °            | 38.571065 °   |
|  |                         |              |     | -121.420865 °          | -121.420865 ° |
| DWR ID   | DWR_NA0001_09_f_2018_18 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| A footpath with minor rills is going down the LS levee slope.                          |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_60\_18\_20210823\_00004.jpg



View of the footpath on the LS levee slope. Spring 2021.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank  | Unit Miles | Inspection Start/End     | Inspector       |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 10 American River | Right | 3.90       | 10/04/2021<br>10/04/2021 | Marvin Marshall |

|   |                         |              |     |                        |               |
|---|-------------------------|--------------|-----|------------------------|---------------|
| LM Start  | 2.32                    | Rating **    | A/W | Issue No.              | 24            |
| LM End  | 2.32                    | Issue Type + | Ma  | Location *             | LS            |
| Category  | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|   |                         |              |     | Start                  | End           |
| Item  | Animal Control          |              |     | 38.575779 °            | 38.575779 °   |
|   |                         |              |     | -121.356155 °          | -121.356155 ° |
| DWR ID  | DWR_NA0001_10_s_2021_24 |              |     |                        |               |
| 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\_2021\_NA0001\_61\_24\_20210823\_00005.jpg



View of the two inactive rodent holes on the LS slope. No rodents were present. Spring 2021.

|  |                        |              |     |                        |               |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.22                   | Rating **    | A/W | Issue No.              | 2             |
| LM End   | 3.22                   | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee          |              |     | GPS Latitude/Longitude |               |
|  |                        |              |     | Start                  | End           |
| Item   | Slope Stability        |              |     | 38.569955 °            | 38.569955 °   |
|  |                        |              |     | -121.370988 °          | -121.370988 ° |
| DWR ID   | DWR_NA0001_10_f_2017_2 |              |     |                        |               |
| Comment Code   |                        |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                        |              |     |                        |               |
| Inspector Comment  |                        |              |     |                        |               |
| Two foot paths, monitor the footpath for possible further erosion.                     |                        |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_61\_2\_20210823\_00001.jpg



View of the footpath on the levee slope. Fall 2017

|  |                         |              |     |                        |               |
|--|-------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 3.24                    | Rating **    | A/W | Issue No.              | 23            |
| LM End   | 3.24                    | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee           |              |     | GPS Latitude/Longitude |               |
|  |                         |              |     | Start                  | End           |
| Item   | Slope Stability         |              |     | 38.569930 °            | 38.569930 °   |
|  |                         |              |     | -121.371353 °          | -121.371353 ° |
| DWR ID   | DWR_NA0001_10_f_2018_23 |              |     |                        |               |
| Comment Code   |                         |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                         |              |     |                        |               |
| Inspector Comment  |                         |              |     |                        |               |
| Monitor the footpath and rills for possible further erosion.                           |                         |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_61\_23\_20210823\_00004.jpg



View of erosion rills on the landside slope. Fall 2020

|  |  |  |  |   |  |   |  |
|--|--|--|--|---|--|---|--|
| <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 2021**

**American River Flood Control District**

| Waterway                   | Bank  | Unit Miles | Inspection Start/End     | Inspector          |
|----------------------------|-------|------------|--------------------------|--------------------|
| Unit No. 10 American River | Right | 3.90       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.56                    | Rating **    | N  | Issue No.              | 29            |
| LM End   | 3.56                    | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Trim / Thin Trees       |              |    | 38.569242 °            | 38.569242 °   |
|  |                         |              |    | -121.377169 °          | -121.377169 ° |
| DWR ID   | DWR_NA0001_10_s_2017_29 |              |    |                        |               |
| Comment Code                                     |                         |              |    |                        |               |
| T5 : Tree stumps.                                |                         |              |    |                        |               |
| Inspector Comment                                |                         |              |    |                        |               |
| Three tree stumps are within the levee easement. |                         |              |    |                        |               |

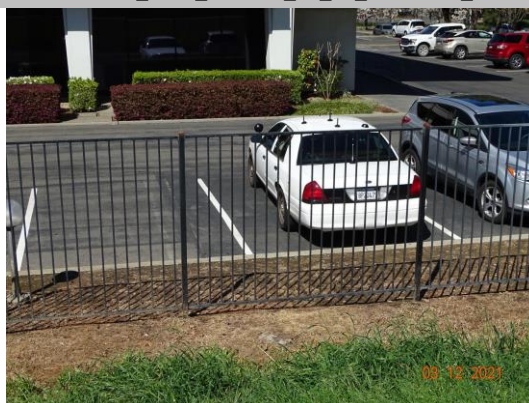
Photo 1 of 1 : FA\_2021\_NA0001\_61\_29\_20210823\_00007.jpg



View of the tree stumps within the levee easement. Spring 2017

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.77                    | Rating **    | N  | Issue No.              | 28            |
| LM End  | 3.77                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 38.568375 °            | 38.568375 °   |
|   |                         |              |    | -121.380889 °          | -121.380889 ° |
| DWR ID  | DWR_NA0001_10_f_2021_28 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T5 : Tree stumps.   |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| A tree stump is located within 10 ft of the LS levee toe. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_61\_28\_20210823\_00006.jpg



View of the tree stump on the LS levee toe. Spring 2021.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.78                    | Rating **    | N  | Issue No.              | 31            |
| LM End  | 3.78                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 38.568335 °            | 38.568335 °   |
|   |                         |              |    | -121.381018 °          | -121.381018 ° |
| DWR ID  | DWR_NA0001_10_s_2021_31 |              |    |                        |               |
| Comment Code  |                         |              |    |                        |               |
| T5 : Tree stumps.   |                         |              |    |                        |               |
| Inspector Comment   |                         |              |    |                        |               |
| A tree stump is located within 10 ft of the LS levee toe. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_61\_31\_20210823\_00008.jpg



View of the tree stump on the LS levee toe. Spring 2021.

\* 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**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2021**

**American River Flood Control District**

| Waterway                    | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|-----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 11 New Linda Creek | Left | 0.73       | 10/04/2021<br>10/04/2021 | Marvin<br>Marshall |

|                          |  |              |                        |            |     |
|--------------------------|--|--------------|------------------------|------------|-----|
| LM Start                 |  | Rating **    |                        | Issue No.  |     |
| LM End                   |  | Issue Type + | --                     | Location * |     |
| Category                 |  |              | GPS Latitude/Longitude |            |     |
|                          |  |              | Start                  |            | End |
| Item                     |  |              |                        | °          |     |
|                          |  |              |                        | °          |     |
| DWR ID                   |  |              |                        |            |     |
| Comment Code             |  |              |                        |            |     |
|                          |  |              |                        |            |     |
| Inspector Comment        |  |              |                        |            |     |
| No issues were reported. |  |              |                        |            |     |

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                      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 2021**

**American River Flood Control District**

| Waterway                   | Bank | Unit Miles | Inspection Start/End     | Inspector          |
|----------------------------|------|------------|--------------------------|--------------------|
| Unit No. 12 American River | Left | 0.84       | 10/05/2021<br>10/05/2021 | Marvin<br>Marshall |

|  |                        |              |     |                        |               |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.22                   | Rating **    | A/W | Issue No.              | 8             |
| LM End   | 0.22                   | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee          |              |     | GPS Latitude/Longitude |               |
|  |                        |              |     | Start                  | End           |
| Item   | Slope Stability        |              |     | 38.572265 °            | 38.572265 °   |
|  |                        |              |     | -121.351267 °          | -121.351267 ° |
| DWR ID   | DWR_NA0001_12_s_2017_8 |              |     |                        |               |
| Comment Code   |                        |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                        |              |     |                        |               |
| Inspector Comment  |                        |              |     |                        |               |
|  |                        |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_438\_8\_20210823\_00003.jpg



View of the footpath on the levee slope.

|  |                        |              |     |                        |               |
|--|------------------------|--------------|-----|------------------------|---------------|
| LM Start   | 0.73                   | Rating **    | A/W | Issue No.              | 3             |
| LM End   | 0.73                   | Issue Type + | Ma  | Location *             | LS            |
| Category   | Earthen Levee          |              |     | GPS Latitude/Longitude |               |
|  |                        |              |     | Start                  | End           |
| Item   | Slope Stability        |              |     | 38.576663 °            | 38.576663 °   |
|  |                        |              |     | -121.343805 °          | -121.343805 ° |
| DWR ID   | DWR_NA0001_12_f_2015_3 |              |     |                        |               |
| Comment Code   |                        |              |     |                        |               |
| S2 : Repair the levee slope damaged by foot traffic and prevent access where possible. |                        |              |     |                        |               |
| Inspector Comment  |                        |              |     |                        |               |
|  |                        |              |     |                        |               |

Photo 1 of 1 : FA\_2021\_NA0001\_438\_3\_20210823\_00002.jpg



View of the footpath on the landside levee 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                      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 |
|--|--|---|--|---|