

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2020

Levee District No. 0001 (Sutter County)

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Feather River | Right | 16.11 | 10/13/2020 10/13/2020 | Brooks Weisser |

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 4 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_LD0001S_01_s_2013_4 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| O&M manuals are stored at the district office at 243 2nd St, Yuba City, CA. | | | | | |

No Photos

| | | | | | |
|--|--------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 5 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_LD0001S_01_s_2013_5 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| Supplies and flood fight equipment are stored at the district office. They also went in with RD784 in their large stockpile of flood fight supplies located in their district. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|-----|
| LM Start | | Rating ** | A | Issue No. | 6 |
| LM End | | Issue Type + | Ma | Location * | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_LD0001S_01_s_2013_6 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| The district employees attend the Flood Fight class put on by DWR and RD784 annually. Pending RxR closure structure training LM 16.10. | | | | | |

No Photos

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

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| | | | | | |
|--|---------------------------------------|--------------|-----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | A/W | Issue No. | 15 |
| LM End | 4.34 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Crown Surface / Depressions / Rutting | | | 38.950976 ° | 39.010657 ° |
| | | | | -121.585753 ° | -121.602887 ° |
| DWR ID | DWR_LD0001S_01_s_2020_15 | | | | |
| Comment Code | | | | | |
| C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | | | | | |
| Inspector Comment | | | | | |
| USACE Project completed, O&M manual and levee have not been turned over to LMA. This section is not maintained yet, Fall 2020. | | | | | |

Photo 1 of 1 : FA_2020_LD0001S_433_15_20201019_00042.jpg



View looking downstream of completed construction, but levee has not been turned over to LMA, Fall 2020.

| | | | | | | |
|--|-------------------|--------------|-----|------------------------|----|---------------|
| LM Start | 5.02 | Rating ** | A/W | Issue No. | 25 | |
| LM End | 5.43 | Issue Type + | Ma | Location * | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | 2017 Storm Damage | | | 39.018322 ° | | 39.023753 ° |
| | | | | -121.610275 ° | | -121.613171 ° |
| DWR ID | LD1-S-02 | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| The erosion site is planned for PL 84-99 Repair in 2020. | | | | | | |
| Site ID No:145 | | | | | | |
| Site Designation:LD1-S-02 | | | | | | |
| Rating: Critical | | | | | | |

Photo 1 of 3 : LEVAL_FA_2020_145_1767.jpg



The erosion site is planned for PL 84-99 Repair in 2020.

| | | | | | |
|----------|-------------|--------------|-----|------------|------------------|
| LM Start | 5.02 | Rating ** | A/W | Issue No. | 25 (cont) |
| LM End | 5.43 | Issue Type + | Ma | Location * | |

Photo 2 of 3 : LEVAL_FA_2020_145_1768.jpg



The erosion site is planned for PL 84-99 Repair in 2020.

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

Levee District No. 0001 (Sutter County)

| | | | | | |
|----------|-------------------|--------------|-----|------------------------|------------------|
| LM Start | 5.02 | Rating ** | A/W | Issue No. | 25 (cont) |
| LM End | 5.43 | Issue Type + | Ma | Location * | |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2017 Storm Damage | | | 39.018322 ° | 39.023753 ° |
| | | | | -121.610275 ° | -121.613171 ° |
| DWR ID | LD1-S-02 | | | | |

[illegible]

| | | | | | |
|----------|-----------------------|--------------|-----|------------------------|---------------|
| LM Start | 7.69 | Rating ** | A/W | Issue No. | 19 |
| LM End | 7.74 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 39.055986 ° | 39.056710 ° |
| | | | | -121.611301 ° | -121.611331 ° |
| DWR ID | LD1-S-03 | | | | |

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|----------|-----------------------|--------------|-----|------------------------|---------------|
| LM Start | 7.69 | Rating ** | A/W | Issue No. | 19 (cont) |
| LM End | 7.74 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Bank Caving | | | 39.055986 ° | 39.056710 ° |
| | | | | -121.611301 ° | -121.611331 ° |
| DWR ID | LD1-S-03 | | | | |

Photo 3 of 3 : LEVAL_FA_2020_146_4054.jpg



| | | | | | |
|----------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 7.87 | Rating ** | M | Issue No. | 17 |
| LM End | 7.87 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Animal Control | | | 39.058591 ° | 39.058591 ° |
| | | | | -121.611422 ° | -121.611422 ° |
| DWR ID | DWR_LD0001S_01_f_2020_17 | | | | |

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No rodent activity noted, but holes need to be backfilled, Fall 2020

Photo 1 of 1 : FA_2020_LD0001S_433_17_20201019_00043.jpg



View of rodent holes on land side slope, Fall 2020.

| | | | | | |
|----------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 13.51 | Rating ** | C | Issue No. | 18 |
| LM End | 13.69 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Slope Stability | | | 39.135376 ° | 39.137718 ° |
| | | | | -121.604841 ° | -121.606288 ° |
| DWR ID | DWR_LD0001S_01 s 2020 18 | | | | |

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Foot ramp has been removed, Fall 2020.

No Photos

| | | | |
|--|--|---|---|
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| | | | | | |
|--|---------------------------------------|--------------|------------------------|---------------|-----------|
| LM Start | 13.87 | Rating ** | C | Issue No. | 26 |
| LM End | 13.87 | Issue Type + | Ma | Location * | CR |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Crown Surface / Depressions / Rutting | | 39.139734 ° | 39.139734 ° | |
| | | | -121.608477 ° | -121.608477 ° | |
| DWR ID | DWR_LD0001S_01_f_2018_26 | | | | |
| Comment Code | | | | | |
| C2 : Repair depressions or ruts in the crown or slope. | | | | | |
| Inspector Comment | | | | | |
| Construction is complete. | | | | | |

No Photos

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