

**Flood Control Project Maintenance
Levee Inspections**

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

Solano County Public Works Mellin Levee

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-------------------|
| Unit No. 01 Mellin Levee | Right | 0.59 | 10/13/2022 10/13/2022 | Saskia Donovan |

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 6 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Operations & Maintenance Manuals | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_NA0012_01_s _ 2013_6 | | | | |
| Comment Code | | | | | |
| OM : O&M Manuals | | | | | |
| Inspector Comment | | | | | |
| LMA has a copy of the O&M manual on file. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|----|------------------------|----------|
| LM Start | 0.00 | Rating ** | A | Issue No. | 7 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Emergency Supplies & Equipment | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_NA0012_01_s _ 2013_7 | | | | |
| Comment Code | | | | | |
| ES : Emergency Supplies & Equipment | | | | | |
| Inspector Comment | | | | | |
| LMA has an adequate supply of flood fight supplies in Vacaville at the Lewis stockyard. | | | | | |

No Photos

| | | | | | |
|--|-------------------------------|--------------|----|------------------------|----------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 9 |
| LM End | 0.00 | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Flood Preparedness & Training | | | ° | ° |
| | | | | ° | ° |
| DWR ID | DWR_NA0012_01_s _ 2013_9 | | | | |
| Comment Code | | | | | |
| FP : Flood Preparedness & Training | | | | | |
| Inspector Comment | | | | | |
| LMA contracts with Solano County Channel Maintenance for flood fight. Staff have not recently been trained in Flood Fight Methods. | | | | | |

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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| Unit No. 01 Mellin Levee | Right | 0.59 | 10/13/2022 10/13/2022 | Saskia Donovan |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 10 |
| LM End | 0.34 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Erosion / Livestock | | | 38.174067 ° | 38.177508 ° |
| | | | | -121.674271 ° | -121.678675 ° |
| DWR ID | DWR_NA0012_01_s_2019_10 | | | | |
| Comment Code | | | | | |
| E4 : Repair the levee slope damaged by livestock and prevent large animal access. | | | | | |
| Inspector Comment | | | | | |
| Repair instabilities caused by cattle walking on the waterside slope. | | | | | |

Photo 1 of 1 : FA_2022_NA0012_258_10_20220831_00005.jpg



View of slope instabilities caused by cows on the waterside slope (Spring 2019).

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