

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

| RD2068 | Overall LMA Rating | Total LMA Miles | | | | |
|---|--------------------|-----------------|--------------|-------------|---------------|----------|
| Reclamation District No. 2068 Yolano | M | 8.73 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | Encroachments | |
| | | | | | PO Miles | CO Miles |
| <i>Earthen Levee</i> | | | | | | |
| Vegetation | 0.02 | | 0.02 | 0.23% | | |
| Encroachments | | | | | 8.35 | |
| Animal Control | 0.99 | | 0.99 | 11.34% | | |
| <i>LMA Totals:</i> | 1.01 | 0.00 | 1.01 | 11.57% | 8.35 | 0.00 |

| Unit No. 01 Yolo Bypass RB | Overall Unit Rating | Total Unit Miles | | | | |
|-----------------------------------|---------------------|------------------|--------------|-------------|---------------|----------|
| RD2068 | M | 5.50 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | Encroachments | |
| | | | | | PO Miles | CO Miles |
| <i>Earthen Levee</i> | | | | | | |
| Vegetation | 0.02 | | 0.02 | 0.36% | | |
| Encroachments | | | | | 8.35 | |
| Animal Control | 0.99 | | 0.99 | 18.00% | | |
| <i>Unit Totals:</i> | 1.01 | 0.00 | 1.01 | 18.36% | 8.35 | 0.00 |

| Unit No. 02 Back Levee LB | Overall Unit Rating | Total Unit Miles | | | | |
|----------------------------------|---------------------|------------------|--------------|-------------|---------------|----------|
| RD2068 | A | 3.23 | | | | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | Encroachments | |
| | | | | | PO Miles | CO Miles |
| No Items | | | | | | |
| <i>Unit Totals:</i> | 0.00 | 0.00 | 0.00 | 0.00% | 0.00 | 0.00 |

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Fall 2011 Levee Inspection Results**

Reclamation District No. 2068 Yolano

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | M | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

* **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 2068 Yolano

| | | |
|-------------------------|-------|------------|
| Waterway | Bank | Unit Miles |
| Unit No. 01 Yolo Bypass | Right | 5.50 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|--------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | M | |
| Date of Inspection | 3/30/2011 - 3/30/2011 | | 10/19/2011 - 10/19/2011 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Mike Hardesty RD 2068 | | Mike Hardesty RD 2068 | |

Check one:

- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2068 Yolo

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 Yolo Bypass | | | | Right | 5.50 | 10/19/2011 10/19/2011 | Herman Phillips |

| LMIR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|----------------|------------|-----------|---|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 1 | 0.49 | 2.51 | Earthen Levee | Encroachments | LS | PO | Agricultural Ditch | 38.401308 ° -121.693788 ° | 38.372530 ° -121.693775 ° | 1 |
| 2 | 0.50 | 0.50 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.401323 ° -121.693755 ° | 38.401323 ° -121.693755 ° | 12 Y |
| 3 | 0.50 | 0.50 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.401323 ° -121.693755 ° | 38.401323 ° -121.693755 ° | 14 Y |
| 4 | 0.53 | 1.54 | Earthen Levee | Encroachments | WS | PO | Fences | 38.400897 ° -121.693767 ° | 38.386340 ° -121.693803 ° | 2 |
| 5 | 1.52 | 2.65 | Earthen Levee | Encroachments | LS | PO | Agricultural Ditch | 38.515262 ° -121.655535 ° | 38.517428 ° -121.676112 ° | 16 |
| 6 | 2.01 | 2.47 | Earthen Levee | Encroachments | WS | PO | Fences | 38.379570 ° -121.693787 ° | 38.372822 ° -121.693782 ° | 4 |
| 7 | 2.51 | 3.50 | Earthen Levee | Animal Control | WS | M | Exterminate rodents and backfill and compact or grout burrows. | 38.372141 ° -121.693871 ° | 38.357822 ° -121.693978 ° | 5 |
| 8 | 3.59 | 5.50 | Earthen Levee | Encroachments | LS | PO | Agricultural Ditch | 38.356235 ° -121.693893 ° | 38.329175 ° -121.694043 ° | 8 |
| 9 | 3.62 | 5.44 | Earthen Levee | Encroachments | WS | PO | Agricultural Ditch | 38.356292 ° -121.693918 ° | 38.329967 ° -121.694043 ° | 11 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2068 Yolo

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Yolo Bypass | Right | 5.50 | 10/19/2011 10/19/2011 | Herman Phillips |

| | |
|---|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.50 |
| End Levee Mile | 0.50 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking downstream from levee mile 0.50 Unit #1 RD 2068 landside slope. Photo taken 3-30-2011 | |
| phillips_f_20110929_195.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.50 |
| End Levee Mile | 0.50 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| RD 2068 Unit 1 landward looking downstream from levee mile 0.50. Photo taken 10-19-2011. | |
| phillips_f_20111208_129.jpg | |



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|---|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.50 |
| End Levee Mile | 0.50 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Looking downstream from levee mile 0.50 Unit #1 RD 2068 waterside slope. Photo taken 3-30-2011. | |
| phillips_f_20110929_196.jpg | |



| | | | |
|---|---|---|---|
| <p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p> | <p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p> | <p>PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor</p> | <p>N : Not Inspected, see Inspector Comment C : Corrected</p> |
|---|---|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2068 Yolano

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|-------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Yolo Bypass | Right | 5.50 | 10/19/2011 10/19/2011 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 3 |
| Start Levee Mile | 0.50 |
| End Levee Mile | 0.50 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| RD 2068 Unit 1 looking downstream levee mile 0.51 waterward. Photo taken 10-19-2011. | |
| phillips_f_20111208_128.jpg | |



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|---|--|
| <p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p> | <p>** Rating</p> <p>A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p> |
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 2068 Yolano

| | | | |
|------------------------|--|-------------|-------------------|
| Waterway | | Bank | Unit Miles |
| Unit No. 02 Back Levee | | Left | 3.23 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|--------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | A | |
| Date of Inspection | 3/30/2011 - 3/30/2011 | | 10/19/2011 - 10/19/2011 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Mike Hardesty RD 2068 | | Mike Hardesty RD 2068 | |

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

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X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2068 Yolano

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|--|--|--|------|------------|--------------------------|-----------------|
| Unit No. 02 Back Levee | | | | Left | 3.23 | 10/19/2011 10/19/2011 | Herman Phillips |

| LMIR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
|----------|------------|------|---------------|------------|------------|-----------|---|------------------------------|------------------------------|--------------------|
| | Start | End | | | | | | Start | End | |
| 1 | 0.00 | 0.00 | Earthen Levee | Vegetation | LS | A | Remove the wild growth other than native grasses from the levee slopes. | 38.358206 ° -121.740377 ° | 38.358206 ° -121.740377 ° | 3 Y |
| 2 | 0.00 | 0.00 | Earthen Levee | Vegetation | WS | A | Remove the wild growth other than native grasses from the levee slopes. | 38.358206 ° -121.740377 ° | 38.358206 ° -121.740377 ° | 4 Y |

| | |
|---|--|
| <p>* Location LS : Land Side WS : Water Side CR : Crown</p> | <p>** Rating A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected M : Minimally Acceptable CO : Completely Obstructing U : Unacceptable W : Watch/Monitor</p> |
|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2068 Yolano

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Back Levee | Left | 3.23 | 10/19/2011 10/19/2011 | Herman Phillips |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

RD 2068 Unit 2 looking downstream from levee mile 0.00 landward. Photo taken 10-19-2011.

phillips_f_20111208_130.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |

RD 2068 Levee mile 0.00 looking downstream. Photo taken 10-19-2011.

phillips_f_20111208_131.jpg



*** Location**
 LS : Land Side
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
 M : Minimally Acceptable CO : Completely Obstructing
 U : Unacceptable W : Watch/Monitor