

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

**Reclamation District No. 0001 Union Island**

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

\*\* 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**

**Spring 2011 Levee Inspection Results**

**Reclamation District No. 0001 Union Island**

|                       |       |            |
|-----------------------|-------|------------|
| Waterway              | Bank  | Unit Miles |
| Unit No. 01 Old River | Right | 1.15       |

|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating<br>(Fall Only) |                         |                           |                                |                                 |
| Date of Inspection                     | 4/26/2011 - 4/26/2011   |                           |                                |                                 |
| DWR Inspector                          | Jim Eto                 |                           |                                |                                 |
| Accompanied By                         |                         |                           |                                |                                 |

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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**X** \_\_\_\_\_ Date

Signature of LMA Representative

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

| LMR No. | Levee Mile |      | Category      | Item                  | Location | Rating | Action/Comment   | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|---------|------------|------|---------------|-----------------------|----------|--------|--|------------------------------|------------------------------|--------------------|
|         | Start      | End  |               |                       |          |        |  | Start                        | End                          |                    |
| 1       | 0.01       | 0.01 | Earthen Levee | Encroachments         | WS       | W      | Pipe<br>Inspector Comments: Steel irrigation intake pipe up levee slope and through freeboard.   | 37.822408 °<br>-121.375714 ° | 37.822408 °<br>-121.375714 ° | 1                  |
| 2       | 0.02       | 0.13 | Earthen Levee | Vegetation            | WS       | C      | Control annual grass and weeds on the levee slopes and easements.  | 37.822405 °<br>-121.375763 ° | 37.821885 °<br>-121.377598 ° | 17                 |
| 3       | 0.02       | 0.02 | Earthen Levee | Animal Control        | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Several burrows present  | 37.822511 °<br>-121.375857 ° | 37.822511 °<br>-121.375857 ° | 18<br>Y            |
| 4       | 0.02       | 0.02 | Earthen Levee | Erosion / Bank Caving | LS       | M      | Schedule repair of erosion site prior to the next inspection.<br>Inspector Comments: Erosion ccurring in area requiring animal control.  | 37.822511 °<br>-121.375857 ° | 37.822511 °<br>-121.375857 ° | 3<br>Y             |
| 5       | 0.03       | 0.03 | Earthen Levee | Animal Control        | WS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Burrow evident on water side, burrow appears to have collapsed.  | 37.822403 °<br>-121.375937 ° | 37.822403 °<br>-121.375937 ° | 4<br>Y             |
| 6       | 0.07       | 0.07 | Earthen Levee | Erosion / Bank Caving | LS       | M      | Note and monitor erosion site.<br>Inspector Comments: Monitor site, erosion appears to be starting due to water runoff at this point   | 37.822268 °<br>-121.376762 ° | 37.822268 °<br>-121.376762 ° | 6<br>Y             |
| 7       | 0.11       | 0.11 | Earthen Levee | Erosion / Bank Caving | LS       | U      | Schedule repair of erosion site prior to the next inspection.<br>Inspector Comments: Landside slope is eroded creating two large holes at the hinge point.04/26/2011 Repairs have been made to a portion of the location, but are not adequate and need further attention. | 37.822051 °<br>-121.377320 ° | 37.822051 °<br>-121.377320 ° | 2<br>Y             |
| 8       | 0.17       | 0.17 | Earthen Levee | Erosion / Bank Caving | WS       | M      | Note and monitor erosion site.<br>Inspector Comments: Monitor erosion site crown is approximately 40' wide at this point.  | 37.821461 °<br>-121.378110 ° | 37.821461 °<br>-121.378110 ° | 8<br>Y             |
| 9       | 0.26       | 0.26 | Earthen Levee | Erosion / Bank Caving | WS       | C      | Note and monitor erosion site.   | 37.820234 °<br>-121.378586 ° | 37.820234 °<br>-121.378586 ° | 5                  |
| 10      | 0.28       | 0.35 | Earthen Levee | Vegetation            | LS       | C      | Control annual grass and weeds on the levee slopes and easements.  | 37.820266 °<br>-121.379010 ° | 37.820161 °<br>-121.380145 ° | 19                 |
| 11      | 0.29       | 0.29 | Earthen Levee | Encroachments         | WS       | A      | Equipment<br>Inspector Comments: Solar powered monitoring(?) equipment.  | 37.820338 °<br>-121.379095 ° | 37.820338 °<br>-121.379095 ° | 22<br>Y            |
| 12      | 0.35       | 0.35 | Earthen Levee | Animal Control        | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: 04/26/2011 Active burrows present  | 37.820187 °<br>-121.380150 ° | 37.820187 °<br>-121.380150 ° | 12<br>Y            |
| 13      | 0.39       | 0.39 | Earthen Levee | Encroachments         | WS       | W      | Pipe<br>Inspector Comments: Irrigation intake through levee crown.   | 37.819651 °<br>-121.380467 ° | 37.819651 °<br>-121.380467 ° | 7<br>Y             |
| 14      | 0.41       | 0.51 | Earthen Levee | Vegetation            | LS       | M      | Control annual grass and weeds on the levee slopes and easements.  | 37.819197 °<br>-121.380517 ° | 37.818032 °<br>-121.379797 ° | 23<br>Y            |

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|--|--|
| <b>* Location</b><br>LS : Landside<br>WS : Waterside<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>PO : Partially Obstructing<br>CO : Completely Obstructing<br>N : Not Inspected/Rated<br>C : Corrected<br>W : Watch/Monitor |
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

| LMR No. | Levee Mile |      | Category      | Item                  | Location | Rating | Action/Comment  | GPS Latitude/Longitude       |                              | Issue No.<br>Photo |
|---------|------------|------|---------------|-----------------------|----------|--------|---|------------------------------|------------------------------|--------------------|
|         | Start      | End  |               |                       |          |        |   | Start                        | End                          |                    |
| 15      | 0.43       | 0.48 | Earthen Levee | Animal Control        | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Numerous active burrows as evidenced by fresh soil around holes. Burrows are within overgrown vegetation.   | 37.818849 °<br>-121.380309 ° | 37.818360 °<br>-121.379956 ° | 24<br>Y            |
| 16      | 0.54       | 0.54 | Earthen Levee | Erosion / Bank Caving | LS       | M      | Schedule repair of erosion site prior to the next inspection.<br>Inspector Comments: Crown width 50'. 04/26/2011 Repair work is not sufficient, crown has been filled, but erosion on levee landside slope has not been repaired. | 37.817515 °<br>-121.379943 ° | 37.817515 °<br>-121.379943 ° | 9<br>Y             |
| 17      | 0.56       | 0.56 | Earthen Levee | Erosion / Bank Caving | LS       | M      | Schedule repair of erosion site prior to the next inspection.<br>Inspector Comments: New erosion site adjacent to erosion site at LM 0.54 that must also be addressed.  | 37.817535 °<br>-121.380279 ° | 37.817535 °<br>-121.380279 ° | 25<br>Y            |
| 18      | 0.56       | 0.56 | Earthen Levee | Animal Control        | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Active burrows present, burrows are within erosion site.  | 37.817547 °<br>-121.380285 ° | 37.817547 °<br>-121.380285 ° | 26<br>Y            |
| 19      | 0.66       | 0.66 | Earthen Levee | Animal Control        | LS       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.  | 37.817249 °<br>-121.382026 ° | 37.817249 °<br>-121.382026 ° | 15<br>Y            |
| 20      | 0.67       | 0.67 | Earthen Levee | Encroachments         | LS       | W      | Pipe<br>Inspector Comments: photo Drainage discharge into Old River. No photo found from prev insp. 04/26/2011 photo added.   | 37.817134 °<br>-121.382099 ° | 37.817134 °<br>-121.382099 ° | 20<br>Y            |
| 21      | 0.67       | 0.67 | Earthen Levee | Animal Control        | CR       | M      | No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.<br>Inspector Comments: Deep vertical rodent hole in crown of levee, see photo. Shovel handle stopped at bend in burrow.            | 37.817109 °<br>-121.382192 ° | 37.817109 °<br>-121.382192 ° | 27<br>Y            |
| 22      | 0.68       | 0.68 | Earthen Levee | Encroachments         | LS       | C      | Prunings<br>Inspector Comments: Thistle piled at levee toe should be removed.   | 37.817058 °<br>-121.382316 ° | 37.817058 °<br>-121.382316 ° | 14                 |
| 23      | 0.86       | 0.86 | Earthen Levee | Encroachments         | LS       | W      | Pipe<br>Inspector Comments: Irrigation intake through levee freeboard.  | 37.814566 °<br>-121.382450 ° | 37.814566 °<br>-121.382450 ° | 10                 |
| 24      | 0.91       | 0.91 | Earthen Levee | Vegetation            | LS       | M      | Elderberries are blocking visibility and flood fight capability.  | 37.814220 °<br>-121.383336 ° | 37.814220 °<br>-121.383336 ° | 11                 |
| 25      | 1.05       | 1.13 | Earthen Levee | Vegetation            | LS       | C      | Control annual grass and weeds on the levee slopes and easements.   | 37.812469 °<br>-121.383755 ° | 37.811824 °<br>-121.384578 ° | 21                 |

|  |  |
|--|--|
| <b>* Location</b><br>LS : Landside<br>WS : Waterside<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>PO : Partially Obstructing<br>CO : Completely Obstructing<br>N : Not Inspected/Rated<br>C : Corrected<br>W : Watch/Monitor |
|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|  |                |
|--|----------------|
| Levee Mile Report Line                   | 3              |
| Start Levee Mile                         | 0.02           |
| End Levee Mile                           | 0.02           |
| Location                                 | Land Side      |
| Category                                 | Earthen Levee  |
| Item                                     | Animal Control |
| 04/26/2011 Animal burrow in levee crown. |                |
| jeto_s_20110426_431.jpg                  |                |



|   |                |
|---|----------------|
| Levee Mile Report Line  | 3              |
| Start Levee Mile  | 0.02           |
| End Levee Mile  | 0.02           |
| Location  | Land Side      |
| Category  | Earthen Levee  |
| Item  | Animal Control |
| 04/26/2011 Several burrows present in levee crown and landside slope. |                |
| jeto_s_20110426_432.jpg   |                |



|   |                       |
|---|-----------------------|
| Levee Mile Report Line                                  | 4                     |
| Start Levee Mile  | 0.02                  |
| End Levee Mile  | 0.02                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| 04/26/2011 Erosion, possibly started by animal burrows. |                       |
| jeto_s_20110426_433.jpg                                 |                       |



|  |  |  |                                    |
|--|--|--|------------------------------------|
| <b>* Location</b><br>LS : Landside<br>WS : Waterside<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | PO : Partially Obstructing<br>CO : Completely Obstructing<br>N : Not Inspected/Rated | C : Corrected<br>W : Watch/Monitor |
|--|--|--|------------------------------------|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|  |                |
|--|----------------|
| Levee Mile Report Line   | 5              |
| Start Levee Mile   | 0.03           |
| End Levee Mile   | 0.03           |
| Location   | Water Side     |
| Category   | Earthen Levee  |
| Item   | Animal Control |
| 04/26/2011 Several burrows present on water side, burrows appear to be collapsing. |                |
| jeto_s_20110426_434.jpg  |                |



|   |                       |
|---|-----------------------|
| Levee Mile Report Line  | 6                     |
| Start Levee Mile  | 0.07                  |
| End Levee Mile  | 0.07                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| 04/26/2011 Erosion starting at crown. Appears to be caused by storm runoff. |                       |
| jeto_s_20110426_435.jpg   |                       |



|  |                       |
|--|-----------------------|
| Levee Mile Report Line                                       | 7                     |
| Start Levee Mile   | 0.11                  |
| End Levee Mile   | 0.11                  |
| Location   | Land Side             |
| Category   | Earthen Levee         |
| Item   | Erosion / Bank Caving |
| Two large erosion locations present on landside levee slope. |                       |
| jeto_s_20110301_027.jpg                                      |                       |



|  |  |  |                                    |
|--|--|--|------------------------------------|
| <b>* Location</b><br>LS : Landside<br>WS : Waterside<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | PO : Partially Obstructing<br>CO : Completely Obstructing<br>N : Not Inspected/Rated | C : Corrected<br>W : Watch/Monitor |
|--|--|--|------------------------------------|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|   |                       |
|---|-----------------------|
| Levee Mile Report Line  | 7                     |
| Start Levee Mile  | 0.11                  |
| End Levee Mile  | 0.11                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| <p>04/26/2011 Crown damage has been repaired, damage remains on landside slope, needs to be filled and compacted.</p> |                       |
| <p>jeto_s_20110426_436.jpg</p>  |                       |



|   |                       |
|---|-----------------------|
| Levee Mile Report Line  | 8                     |
| Start Levee Mile  | 0.17                  |
| End Levee Mile  | 0.17                  |
| Location  | Water Side            |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| <p>04/26/2011 Erosion on landside slope, levee is approximately 40' wide at this point.</p> |                       |
| <p>jeto_s_20110426_437.jpg</p>  |                       |



|  |               |
|--|---------------|
| Levee Mile Report Line   | 11            |
| Start Levee Mile   | 0.29          |
| End Levee Mile   | 0.29          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Encroachments |
| <p>04/26/2011 Appears to be monitoring equipment of some type, solar panels located on water side. An antennae is present between the second and third (from left to right) units.</p> |               |
| <p>jeto_s_20110426_438.jpg</p>   |               |



|   |   |   |   |
|---|---|---|---|
| <p><b>* Location</b><br/>                 LS : Landside<br/>                 WS : Waterside<br/>                 CR : Crown</p> | <p><b>** Rating</b><br/>                 A : Acceptable<br/>                 M : Minimally Acceptable<br/>                 U : Unacceptable</p> | <p>PO : Partially Obstructing<br/>                 CO : Completely Obstructing<br/>                 N : Not Inspected/Rated</p> | <p>C : Corrected<br/>                 W : Watch/Monitor</p> |
|---|---|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|  |                |
|--|----------------|
| Levee Mile Report Line                             | 12             |
| Start Levee Mile                                   | 0.35           |
| End Levee Mile                                     | 0.35           |
| Location   | Land Side      |
| Category   | Earthen Levee  |
| Item   | Animal Control |
| 04/26/2011 Active animal burrow on landside slope. |                |
| jeto_s_20110426_439.jpg                            |                |



|  |               |
|--|---------------|
| Levee Mile Report Line                           | 13            |
| Start Levee Mile                                 | 0.39          |
| End Levee Mile                                   | 0.39          |
| Location   | Water Side    |
| Category   | Earthen Levee |
| Item   | Encroachments |
| Drainage discharge pipe through levee freeboard. |               |
| jeto_s_20110301_028.jpg                          |               |



|  |               |
|--|---------------|
| Levee Mile Report Line                                       | 14            |
| Start Levee Mile   | 0.41          |
| End Levee Mile   | 0.51          |
| Location   | Land Side     |
| Category   | Earthen Levee |
| Item   | Vegetation    |
| Weeds taller than 12" obstruct visibility of landside slope. |               |
| jeto_s_20110426_440.jpg                                      |               |



|  |  |  |                                    |
|--|--|--|------------------------------------|
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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|   |                |
|---|----------------|
| Levee Mile Report Line  | 15             |
| Start Levee Mile  | 0.43           |
| End Levee Mile  | 0.48           |
| Location  | Land Side      |
| Category  | Earthen Levee  |
| Item  | Animal Control |
| 04/26/2011 Numerous active burrows present as evidenced by fresh soil around holes. |                |
| jeto_s_20110426_441.jpg   |                |



|   |                       |
|---|-----------------------|
| Levee Mile Report Line  | 16                    |
| Start Levee Mile  | 0.54                  |
| End Levee Mile  | 0.54                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| Erosion of landside slope at several spots due to surface runoff. |                       |
| jeto_s_20110301_029.jpg   |                       |



|  |                       |
|--|-----------------------|
| Levee Mile Report Line   | 16                    |
| Start Levee Mile   | 0.54                  |
| End Levee Mile   | 0.54                  |
| Location   | Land Side             |
| Category   | Earthen Levee         |
| Item   | Erosion / Bank Caving |
| 04/26/2011 Landside erosion is still present after crown repair. |                       |
| jeto_s_20110426_442.jpg  |                       |



|   |   |   |  |
|---|---|---|--|
| <p><b>* Location</b></p> <p>LS : Landside<br/>WS : Waterside<br/>CR : Crown</p> | <p><b>** Rating</b></p> <p>A : Acceptable<br/>M : Minimally Acceptable<br/>U : Unacceptable</p> | <p>PO : Partially Obstructing<br/>CO : Completely Obstructing<br/>N : Not Inspected/Rated</p> | <p>C : Corrected<br/>W : Watch/Monitor</p> |
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|   |                       |
|---|-----------------------|
| Levee Mile Report Line  | 17                    |
| Start Levee Mile  | 0.56                  |
| End Levee Mile  | 0.56                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| 04/26/2011 Erosion at hinge point continuing down landside slope. |                       |
| jeto_s_20110426_443.jpg   |                       |



|   |                       |
|---|-----------------------|
| Levee Mile Report Line                                    | 17                    |
| Start Levee Mile  | 0.56                  |
| End Levee Mile  | 0.56                  |
| Location  | Land Side             |
| Category  | Earthen Levee         |
| Item  | Erosion / Bank Caving |
| 04/26/2011 Photo showing depth of erosion at hinge point. |                       |
| jeto_s_20110426_444.jpg                                   |                       |



|  |                |
|--|----------------|
| Levee Mile Report Line                         | 18             |
| Start Levee Mile                               | 0.56           |
| End Levee Mile                                 | 0.56           |
| Location                                       | Land Side      |
| Category                                       | Earthen Levee  |
| Item   | Animal Control |
| 04/26/2011 Animal burrows within erosion site. |                |
| jeto_s_20110426_445.jpg                        |                |



|   |   |   |  |
|---|---|---|--|
| <p><b>* Location</b></p> <p>LS : Landside<br/>WS : Waterside<br/>CR : Crown</p> | <p><b>** Rating</b></p> <p>A : Acceptable<br/>M : Minimally Acceptable<br/>U : Unacceptable</p> | <p>PO : Partially Obstructing<br/>CO : Completely Obstructing<br/>N : Not Inspected/Rated</p> | <p>C : Corrected<br/>W : Watch/Monitor</p> |
|---|---|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2011**

**Reclamation District No. 0001 Union Island**

| Waterway              | Bank  | Unit Miles | Inspection Start/End     | Inspector |
|-----------------------|-------|------------|--------------------------|-----------|
| Unit No. 01 Old River | Right | 1.15       | 04/26/2011<br>04/26/2011 | Jim Eto   |

|                                     |                |
|-------------------------------------|----------------|
| Levee Mile Report Line              | 19             |
| Start Levee Mile                    | 0.66           |
| End Levee Mile                      | 0.66           |
| Location                            | Land Side      |
| Category                            | Earthen Levee  |
| Item                                | Animal Control |
| Active rodent holes on levee slope. |                |
| jeto_s_20110301_031.jpg             |                |



|  |               |
|--|---------------|
| Levee Mile Report Line                         | 20            |
| Start Levee Mile                               | 0.67          |
| End Levee Mile                                 | 0.67          |
| Location                                       | Land Side     |
| Category                                       | Earthen Levee |
| Item   | Encroachments |
| 04/26/2011 Discharge pipe in water side slope. |               |
| jeto_s_20110426_447.jpg                        |               |



|   |                |
|---|----------------|
| Levee Mile Report Line                          | 21             |
| Start Levee Mile                                | 0.67           |
| End Levee Mile                                  | 0.67           |
| Location  | Crown          |
| Category  | Earthen Levee  |
| Item  | Animal Control |
| 04/26/2011 Deep vertical burrow in levee crown. |                |
| jeto_s_20110426_446.jpg                         |                |



|  |  |  |                                    |
|--|--|--|------------------------------------|
| <b>* Location</b><br>LS : Landside<br>WS : Waterside<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | PO : Partially Obstructing<br>CO : Completely Obstructing<br>N : Not Inspected/Rated | C : Corrected<br>W : Watch/Monitor |
|--|--|--|------------------------------------|