May 27, 2010

Paul G. Brunner, P.E.
Executive Director
Three Rivers Levee Improvement Authority
1114 Yuba Street, Suite 218
Marysville, California 95901

Dear Mr. Brunner:

This is in response to the letter and data submission to the Department of Homeland Security’s Federal Emergency Management Agency (FEMA) dated May 5, 2010, regarding certification of Reclamation District 784 (RD 784) levee system within Yuba County. The pertinent information regarding this levee system is listed below.

Identifiers: Yuba River South Levee (UPRR to Simpson Lake, WPRR to UPRR); Feather River East Levee Segments 1 – 3; Bear River North Setback Levee; and Upper Bear North Levee (Setback levee to WPIC) and WPIC West Levee, including Olivehurst Detention Basin Ring Levee

Flooding Sources: The Yuba River, Feather River, Bear River, and Western Pacific Interceptor Canal


In support of the RD784 levee system certification the following information was submitted:

1. A cover letter summarizing the levee certification submission for FEMA accreditation and acknowledging the team of engineering consultants that contributed to this submission under Three Rivers Levee Improvement Authority’s management.
5. Eight boxes of supporting certification data as summarized by the document titled “Supporting Documents Index Certification Summary April 30, 2010.”
The above documentation and data have been reviewed and based on receipt of this information the RD784 levee system as shown on the attached Yuba County Levee Status map and table, meet the minimum certification criteria outlined in Title 44, Code of Federal Regulations, Section 65.10 (44 CFR 65.10). Therefore, we plan to continue to accredit this levee system on the new Digital Flood Insurance Rate Map (DFIRM) scheduled to become effective in February 2011 as providing protection from the base flood.

The Yuba County Revised Unofficial Draft Map Panels distributed on April 30, 2010, depict the area protected from the base flood by this levee system. The base flood is also referred to as the flood that has a 1-percent-chance of being equaled or exceeded in any given year. The levee system's interior drainage area will be mapped based on the March 12, 2010, MHM report (aforementioned item 4 above) and notes will be placed on the new Digital Flood Insurance Rate Map panels providing notice of the flood risk that still exists.

Even though we plan to map the referenced levee system as providing protection from the 1-percent-annual-chance flood, it is important to note that levees are only designed to provide a specific level of protection. They can be overtopped or fail in larger flood events. Levee systems require regular maintenance and periodic upgrades to retain their level of protection. When levees do fail, they fail catastrophically, and damage may be more significant than if the levee was not there.

Future map updates may require the levee system to be certified again at the time of update. Also, design, construction, operation, and/or maintenance documents may be requested at any time. Deviations from the documentation and data submitted to FEMA could result in the levee system no longer being mapped as providing protection from the base flood on a future FIRM. If at any point additional information is provided to FEMA that shows the levee system no longer meets certification criteria as outlined in 44 CFR 65.10, we will contact the levee owner and community about the possibly de-accrediting the levee system.

Everyone should understand the risk to life and property that resides behind levees—risk that even the best flood-control system cannot completely eliminate. For these reasons, FEMA encourages people to understand their risk. The National Flood Insurance Program (NFIP) was created to reduce flood damages by identifying flood risks, encouraging sound community floodplain management practices, and providing flood insurance to lessen the financial impact of flood losses. Through the NFIP, property owners in participating communities are able to purchase flood insurance that will insure against flood losses. We hope that you will encourage property owners to purchase flood insurance.
If you have any questions regarding this matter or flood hazard mapping in general, please do not hesitate to contact me by telephone at (510) 627-7029 or by email at eric.simmons@dhs.gov.

Sincerely,

Eric Simmons, Senior Engineer
Mitigation Division

List of Enclosures:
- Yuba County Levee Status Table
- Yuba County Levee Status Map

cc: Mary Jane Griego, Chair, Yuba County Board of Supervisors
    Robert Bendorf, County Administrator, Yuba County
    Randy Margo, Assistant County Administrator, Yuba County
    Steve Fordice, Reclamation District 784
    Ric Reinhardt, MBK Engineers
    Ricardo Pineda, CA DWR, NFIP State Coordinator
    Jay Punia, Central Valley Flood Protection Board
    Kimberly Carsell, USACE, Sacramento District
# Yuba County Levee Status Table

**May 27, 2010**

## Yuba County Protecting Levees

<table>
<thead>
<tr>
<th>Levee ID</th>
<th>Levee Name</th>
<th>Community Name</th>
<th>USACE Program Levee</th>
<th>Owner (Name &amp; Organization)</th>
<th>Flooding Source</th>
<th>Levee Status</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>6019</td>
<td>Unnamed</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Yuba River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
<tr>
<td>6067</td>
<td>Unnamed</td>
<td>Yuba County</td>
<td>N</td>
<td>Unknown</td>
<td>Yuba River</td>
<td>To be de-accredited</td>
<td>Segment does not meet 44 CFR 65.10 criteria</td>
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<tr>
<td>6069</td>
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<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Yuba River</td>
<td>Fully certified, full accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010; previously certified by USACE on May 8, 2007</td>
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<tr>
<td>6070</td>
<td>Feather River East Levee</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Feather River</td>
<td>Fully accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010</td>
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<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Feather River</td>
<td>Fully accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010</td>
</tr>
<tr>
<td>6072</td>
<td>WPIC West</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Western Pacific Interceptor Canal</td>
<td>Fully certified, full accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010; previously certified by USACE on May 8, 2007</td>
</tr>
<tr>
<td>6074</td>
<td>Unnamed</td>
<td>Yuba County</td>
<td>N</td>
<td>Unknown</td>
<td>Algodon Slough</td>
<td>To be de-accredited</td>
<td>No response to PAL offer</td>
</tr>
<tr>
<td>6084</td>
<td>WPIC West</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Western Pacific Interceptor Canal</td>
<td>Fully certified, full accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010; previously certified by USACE on May 8, 2007</td>
</tr>
<tr>
<td>6085</td>
<td>Upper Bear North Levee</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Bear River</td>
<td>Fully certified, full accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010; previously certified by USACE on May 8, 2007</td>
</tr>
<tr>
<td>6087</td>
<td>Bear River North Settlement Levee</td>
<td>Yuba County</td>
<td>Y</td>
<td>Reclamation District 784</td>
<td>Bear River</td>
<td>Fully certified, full accreditation planned</td>
<td>Certified by TRLIA on May 5, 2010; previously certified by USACE on May 8, 2007</td>
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<td>6106</td>
<td>Unnamed</td>
<td>Yuba County</td>
<td>N</td>
<td>Unknown</td>
<td>Clark Lateral</td>
<td>To be de-accredited</td>
<td>No response to PAL offer</td>
</tr>
</tbody>
</table>

## City of Marysville Protecting Levees

<table>
<thead>
<tr>
<th>Levee ID</th>
<th>Levee Name</th>
<th>Community Name</th>
<th>USACE Program Levee</th>
<th>Owner (Name &amp; Organization)</th>
<th>Flooding Source</th>
<th>Levee Status</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>6046</td>
<td>Unnamed</td>
<td>City of Marysville</td>
<td>Y</td>
<td>Marysville Levee District</td>
<td>Feather River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
<tr>
<td>6050</td>
<td>Unnamed</td>
<td>City of Marysville</td>
<td>Y</td>
<td>Marysville Levee District</td>
<td>Feather River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
<tr>
<td>6054</td>
<td>Unnamed</td>
<td>City of Marysville</td>
<td>Y</td>
<td>Marysville Levee District</td>
<td>Feather River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
<tr>
<td>6055</td>
<td>Unnamed</td>
<td>City of Marysville</td>
<td>Y</td>
<td>Marysville Levee District</td>
<td>Feather River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
<tr>
<td>6056</td>
<td>Unnamed</td>
<td>City of Marysville</td>
<td>Y</td>
<td>Marysville Levee District</td>
<td>Feather River</td>
<td>B</td>
<td>PAL expires June 12, 2010</td>
</tr>
</tbody>
</table>

*In accordance with the U.S. Army Corps of Engineers (USACE), this table only lists those that are previously classified as a Fully accredited, Certified, or when full accreditation is planned.

**Notes:**
- **B:** Levee is in USACE program that are shown as providing some flood protection (an effective FIRM or LOMA), and that are eligible for PAL.
- **PAL:** Levees in a USACE program that are shown as providing some flood protection (an effective FIRM or LOMA), and that are eligible for PAL.
- **Comments:**
  - Fully accredited (full accreditation planned)
  - To be de-accredited

Other PALPAC levee scenarios are not listed in this table.
Yuba County Levee Status

NOTE: This map only depicts the location of certain levees currently shown as providing protection against the 1% annual chance (100 year) flood on an effective Flood Insurance Rate Map (FIRM) or Letter of Map Revision (LOMR).