



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218

Marysville, CA 95901

Office (530) 749-7841 Fax (530) 749-6990

November 20, 2013

Mr. Eric Simmons  
Regional Engineer, FEMA Region IX  
1111 Broadway, Suite 1200  
Oakland, CA 94607-4052

Subject: Reclamation District 784 Levee System – Three Rivers Levee Improvement Authority (TRLIA) Levee Certification for FEMA Accreditation

Dear Mr. Simmons:

TRLIA has been working diligently since 2004 to provide improvements and repairs to the Reclamation District (RD) 784 Levee System. These efforts were not only to assure that the levees could pass the 100-year flood but were accomplished to also provide 200-year flood protection to south Yuba County. In May 2010 TRLIA provided certification information to FEMA for the following levee segments:

- Yuba River South Levee (UPRR to Simpson Lane)
- Yuba River South Levee (WPRR to UPRR)
- Feather River East Levee Segment 3
- Feather River East Levee Segment 2
- Feather River East Levee Segment 1
- Bear River North Setback Levee
- Upper Bear North Levee (Setback Levee to WPIC) and
- WPIC West Levee (Including Olivehurst Detention Basin (ODB) Ring Levee)

FEMA accredited these levees at that time.

The remaining segment of the RD 784 Levee System, Yuba River South Levee (Simpson Lane to Goldfields), was covered under a Provisionally Accredited Levee agreement with FEMA. This agreement has since expired but TRLIA has completed levee repairs on this last segment.

The purpose of this letter is to supply FEMA with the proper information, technical evaluations and certifications in accordance with the provisions of 44 Code of Federal Regulations (CFR) § 65.10 for the Yuba River South Levee (Simpson Lane to Goldfields) segment of the RD 784 Levee System to become fully accredited in the National Flood Insurance Program (NFIP).

Evaluation, design and construction of repairs of the Yuba River South Levee (Simpson Lane to Goldfields) segment has been accomplished by a team of engineering consultants under TRLIA's management. This team consists of HDR Inc. of Folsom, California; Kleinfelder Inc. of Sacramento, California; MHM Engineering of Marysville, California; and MBK Engineers of Sacramento, California. Design and construction of the recent repairs were accomplished using the criteria developed by the US Army Corps of Engineers (USACE) and the California Department of Water Resources (DWR). The attached documentation is a supplement to the Certification Summary Report that was submitted to FEMA in 2010 and provides a brief summary of each technical evaluation performed with respect to levee certification and includes a corresponding Engineer's Opinion, stamped by a licensed Professional Engineer, at the end of the document. These opinions are being submitted by TRLIA to demonstrate that the appropriate standard of care has been followed to certify that the Yuba River South Levee (Simpson Lane to Goldfields) segment of the RD 784 Levee System meets the criteria listed in 44 CFR 65.10. TRLIA's certification, which is also stamped by a licensed Professional Engineer, is provided in Section 6 of the Certification Summary Supplement.

The RD 784 Levee System terminates at the Yuba Goldfields with the assumption that the Goldfields serve as high ground. TRLIA is evaluating this assumption and the status of this evaluation is discussed in Section 5 of the Certification Summary Supplement.

These improvements and repairs were accomplished with the assistance of Yuba County, Reclamation District 784, the Yuba County Water Agency, local land owners, the State of California Central Valley Flood Protection Board, the State of California Department of Water Resources, the State of California Department of Fish and Game, U.S. Army Corps of Engineers, and the U.S. Fish and Wildlife Service.

Please feel free to contact me any time at (530) 749-5679, or Ric Reinhardt of MBK Engineers at (916) 456-4400, so we may answer questions or provide any other needed information on the Supplemental Certification Information.

Sincerely,



Paul G. Brunner, P.E.  
Executive Director  
Three Rivers Levee Improvement Authority

2 Attachments:

1. Certification Summary Supplement Report
2. Supporting Reports (2 Boxes)

Cc: w/o Attachments

Jay Punia – Central Valley Flood Protection Board  
Kelly Fucciolo – DWR  
Liz Bryson - DWR  
Megan Nagy – Corps of Engineers  
Ric Reinhardt – MBK Engineers  
Daniel Jabbour – HDR Consultants  
Robert Bendorf – Yuba County  
Kevin Mallen – Yuba County  
Curt Aikens – YCWA  
Steve Fordice – Reclamation District 784  
TRLIA Board Members  
Donna Stottlemeyer – TRLIA Board Secretary