



**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY**  
**1114 Yuba Street, Suite 218**  
**Marysville, CA 95901**  
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June 14, 2016

Mr. Daniel Peterson  
Principal Engineer Water Resources  
Yuba County Public Works Department  
915 8<sup>th</sup> Street, Suite 125  
Marysville, California 95901

Subject: Adequate Progress Finding towards an Urban Level of Flood Protection for the Reclamation District 784 Levee System

Dear Mr. Peterson,

In 2007, the California Legislature passed Senate Bill (SB) 5 which requires all cities and counties within the Sacramento-San Joaquin Valley to make findings related to an urban level of flood protection for urban and urbanizing lands within a flood hazard zone. The bill defined "urban level of flood protection" as the level of flood protection that is necessary to withstand flooding that has a 1-in-200 chance of occurring in any given year using criteria consistent with or developed by the Department of Water Resources (DWR). Further, the legislation required a city or county, prior to making any number of land use decisions beginning July 2, 2016, to demonstrate that there is an urban level of flood protection, impose conditions that will achieve the urban level of flood protection, or demonstrate adequate progress toward providing an urban level of flood protection. Urban Level of Flood Protection (ULOP) Criteria implementation guidance issued in November 2013 by the State, requires that these findings be based on substantial evidence in the record.

The Three Rivers Levee Improvement Authority (TRLIA) has evaluated the Reclamation District (RD) 784 Urban Levee System for the Urban Levee Design Criteria (ULDC) issued by DWR in May 2012. This evaluation is documented in an Engineer's Report, *Substantial Evidence Engineer's Report, Urban Level of Protection, RD 784 Levee System (Engineer's Report)*, dated May 2016, prepared by TRLIA. Based on this evaluation and a review by an Independent Panel of Experts, TRLIA is making an Adequate Progress Finding (APF) towards an Urban Level of Flood Protection for the RD 784 Levee System. This finding is documented in the *Three Rivers Levee Improvement Authority, Adequate Progress Finding towards an Urban Level of Flood Protection Report for the Reclamation District 784 Levee System*, dated June 2016, which is attached. This APF is based on the following:

- An Engineer's Report, *Substantial Evidence Engineer's Report, Urban Level of Protection, RD 784 Levee System (Engineer's Report)*, dated May 2016, prepared by TRLIA, attached, documenting the data and analyses for demonstrating that the RD 784 Urban Levee System for the most part is able to withstand flooding from a 1-in-200-year flood event in accordance with the State of California's Urban Levee Design Criteria (ULDC), issued in May 2012.

- A statement by Mr. Richard Reinhardt, P.E. found in the *Engineer's Report* certifying that the RD 784 Levee System is expected to be able to withstand flooding that has a 1-in-200 chance of occurring in any given year upon completion of all flood system improvements.
- For portions of the RD 784 levee system that do not currently meet ULDC, there are plans for providing an urban level of flood protection by July 2025.

An APF also requires a Concurrence Report from the Independent Panel of Experts (IPE) composed of Mr. Donald Babbitt, P.E., Dr. Faiz Makdisi, P.E., PhD, and Dr. David Williams, P.E., PhD. The Engineers Report has undergone an extensive review by the IPE. The remaining relatively minor, non-safety related editorial comments of the IPE on the Engineer's Report that are still being addressed by TRLIA will not prohibit the IPE from concurring with the assertions made in the Engineer's Report and the Adequate Progress Finding Report. The IPE Concurrence Report is expected very soon.

Please feel free to contact me any time at (530) 749-5679, or Larry Dacus of MBK Engineers at (916) 437-7515, so we may provide you any additional information that you may require or answer any questions pertaining to this Adequate Progress Finding.

Sincerely,



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

Attachments:

1. Three Rivers Levee Improvement Authority, Adequate Progress Finding towards an Urban Level of Flood Protection Report for the Reclamation District 784 Levee System
2. Substantial Evidence Engineer's Report, Urban Level of Protection, RD 784 Levee System

Cc:

Ric Reinhardt – MBK Engineers