



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218  
Marysville, CA 95901  
Office (530) 749-7841 Fax (530) 749-6990

## THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Project Status Report dated September 10, 2010

(Submitted to The Central Valley Flood Protection Board for the September 24, 2010 meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document. Updates are indicated with italics and underline.

### 1. Levee Design and Construction Work:

#### a. **Phase 4 – Yuba River Levee between Simpson Lane and the Goldfields:**

- 1) Environmental: Originally TRLIA had planned to accomplish the CEQA and NEPA process together in a joint document. However, TRLIA opted to separate the joint CEQA /NEPA Upper Yuba Levee Improvement Project (UYLIP) document into separate CEQA and NEPA documents. This change was made to facilitate the initiation of right of way acquisitions and State and/or local approvals needed for construction of the UYLIP in 2010. The public comment period for the Draft UYLIP Environmental Assessment for the Section 408 and 104 credit approvals ended on June 23. Two comment letters were received. The Corps has completed Section 7 consultation with the USFWS with receipt of the Biological Opinion on August 16. Section 106 consultation has been delayed due to limited resources at the State SHPO, but is expected to complete on September 10. The Corps expects to issue the FONSI once Section 106 consultation is complete and the FONSI is finalized.

TRLIA issued the Draft IS/MND for public review on February 12 and the public review comment period ended on March 15<sup>th</sup>. The TRLIA Board adopted a Mitigated Negative Declaration at their April 20<sup>th</sup> meeting and Notice of Determination was filed on April 23<sup>rd</sup>.

TRLIA is working with the State (DWR & CVFPB staffs), Corps, and USFWS on using the Anderson Road Elderberry Mitigation site for the UYLIP project. The Anderson Site is along the Feather River and is located in the floodway. The USFWS Biological Opinion received August 16 allows the elderberry mitigation to occur at the Anderson site, which should address concerns associated with mitigation being accomplished in the floodway.

- 2) Design: The UYLIP consists of 15,150 linear feet (LF) of cutoff wall ranging from 47 to 70 feet deep, 1,559 LF of seepage berm 80 feet to 150 feet wide at the end of

the project, 3,159 LF of waterside slope rock erosion protection at the end of the project, and geometry corrections throughout the project reach.

Listed below are several key design actions:

- a) The CVFPB approved issuing an Encroachment Permit at their July 22, 2010 meeting for the UYLIP. This permit is to be issued after the Corps provides Section 408 Approval.
- b) Yuba County Water Agency (YCWA) submitted a Section 104 request to the CVFPB on February 23, 2010. The CVFPB approved a request letter to the Corps of Engineers for the Section 104 Credit at the April CVFPB Meeting.
- c) TRLIA submitted the Draft Section 408 Summary Report on March 2 for review by the CVFPB and Corps of Engineers staff. The CVFPB submitted a request letter to the Corps of Engineers for Section 408 Approval on May 18, 2010. The Sacramento District will submit an approval package for Section 408 and Section 104 to its HQ once Section 106 consultation is complete and the FONSI is finalized.
- d) A Memorandum of Understanding between the USACE and the CVFPB signed on June 30, 2010 providing for credit under Section 2003 of the Water Resources Development Act of 2007 for the Upper Yuba Levee Improvement Project is being revised to include recently developed standard language for Section 2003 Credit Agreements. Any revised MOU will need to again be signed by the CVFPB and USACE.
- e) Construction: Bids were opened for the UYLIP on August 26. TRLIA received three bids. The low bid was \$7,541,470 and the high bid was \$9,127,446. The engineer's estimate was \$13,944,126. Delays in processing the Section 408 Request have made it impossible to accomplish any construction for the UYLIP this year. The bids received are good until March 31, 2011. Award will not be made until the 408 authorization is provided and the 104 credit request approved by the Corps. All of the construction work for the UYLIP will be accomplished in the 2011 construction season.

**b. Phase 4 – Feather River Levee between Bear and Yuba Rivers:**

**1) Segment 2:**

- a) **Part A of encroachment permit:** Embankment construction was completed last year. FEMA provided TRLIA a letter on May 27, 2010 stating that the Segment 2 reach of levee would be accredited in the maps being revised for Yuba County. TRLIA and RD784 are developing a punch list for minor items to be completed.
- b) **Existing Levee Degrade:** TRLIA re-started degradation for the 2010 construction season on April 12, 2010. Degradation was complete August 6, 2010. The JTS/Platter offsite borrow area has been graded to final elevations and will have grass planted in September before returning use of the parcels to the original owner. The main borrow site in the Setback Area has been graded to final elevations and will have grass planted in September. Some existing culverts have been cleaned and replaced in order to aid drainage of the Setback Area and minimize potential fish stranding.

- c) TRLIA submitted a separate encroachment permit application to the CVFPB for the Vegetated Wave Buffer on September 3, 2009. Since the initial application submission TRLIA has been working with RD784, DWR & CVFPB staff to prepare a long term O&M plan for this area. TRLIA submitted the long term management plan and additional updated information to the CVFPB staff on August 16. The first three years of maintenance for the buffer will be done via TRLIA funded contract. After the initial three years the maintenance of the buffer will be performed by RD784. The cost to RD784 is estimated to be less than \$10,000 per year and would be funded from the TRLIA levee O&M Benefit Assessment District.
  
- c) TRLIA is preparing the permit application for the Feather River Elderberry Mitigation Area. TRLIA continues to work with DWR floodway maintenance staff and F&WS to develop an acceptable approach to floodway maintenance for all parties. DWR has set up a committee to guide the actions within the Feather River Corridor, with participation from various branches of DWR, the CVFPB, the local maintenance districts, TRLIA, the counties, and other interested stakeholder groups. The Committee is called the Feather River Corridor Management Plan development team. A draft application is complete and under internal review and revision. TRLIA expects to submit the encroachment permit application by the end of October.

**2. Goldfields:**

- a. The Corps of Engineers presented their hydraulic analysis and findings for the Goldfields area at the March 2010 CVFPB meeting. TRLIA continues to work on the hydraulic study to better define the risk of flooding from the Goldfields. The analysis has been delayed due to late delivery of topographic information in the Goldfields from the State. The TRLIA analysis is now anticipated to be available in the spring of 2011.
- b. TRLIA remains committed to achieving 200 year flood protection for South Yuba County, and will keep the CVFPB and others up to date on our progress.

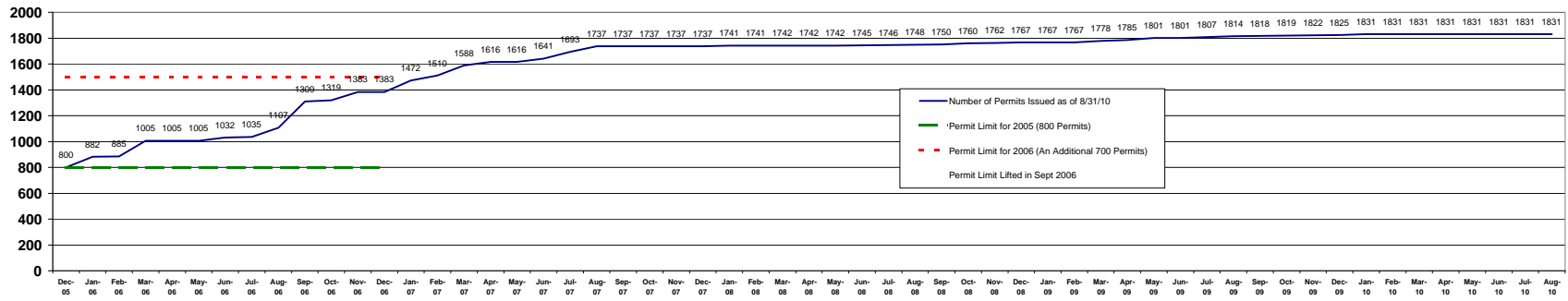
**3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2010:**

- a. The attached graph and table provides information related to residential building permits issued for the Plumas Lake Plan Area (PLSPA) and the North Arboga Study Area (NASA) within Yuba County in 2010.
- b. As shown in the table, a total of 6 building permits have been issued in 2010 so far. No permits were issued in August of 2010.

Attachments:

- 1. Building permit graphic
- 2. Building permit table

### Building Permits Issued in TRLIA Project Area



**Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2010**

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																Total (By Builder)
	Jan-10		Feb-10		Mar-10		Apr-10		May-10		Jun-10		Jul-10		Aug-10		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	6																6
Cresleigh Homes																	0
Forecast Homes/K Hovnanian																	0
Homes by Towne/HBT Constr.																	0
Beazer Homes																	0
California Homes/Home Builders																	0
Cassano Kamilos Homes																	0
D.R. Horton/Western Pacific																	0
Other																	0
<b>Monthly Totals</b>	<b>6</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>6</b>

As of August 31, 2010

**Total Permits for 2010 6**  
As of August 31, 2010