



# 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 October 11, 2010

(Submitted to The Central Valley Flood Protection Board for the October 22, 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:** TRLIA issued the Draft IS/MND for public review on February 12 and the public review comment period ended on March 15th. The TRLIA Board adopted a Mitigated Negative Declaration at their April 20th meeting and Notice of Determination was filed on April 23rd. 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 was completed on September 10. The Corps submitted the Section 408 evaluation package to their HQ on September 21. The Section 104 approval package will not be submitted until the Section 408 is approved which is expected in early November.

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. The CVFPB has directed TRLIA to prepare an encroachment permit application for their approval to use the existing Anderson Mitigation Site. The encroachment permit application is anticipated to be submitted in late October. TRLIA is hopeful that that the CVFPB can consider this application at the December Board meeting.

- 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) 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 submitted an approval package for Section 408 to its HQ on September 21.
  - c) 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. The Section 104 approval package will not be sent forward until the Section 408 is approved, which is expected in early November.
  - 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 may need to again be signed by the CVFPB and USACE.
- 3) **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 is planned to be accomplished during 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 issued the letter of final determination on August 18, 2010, which incorporated their May 27, 2010 letter stating that the Segment 2 reach of levee is accredited. TRLIA and RD784 have developed a punch list for minor items to be completed. Efforts are almost complete on this punch list.
- 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 October 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 October.
- c) **Vegetated Wave Buffer:** 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. TRLIA hopes to have this application considered at the November Meeting.

- d) **Feather River Elderberry Mitigation Area:** 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 in November.

## 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. Results from the analysis were delayed due to late delivery of topographic information in the Goldfields from the State. The TRLIA analysis is still 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.

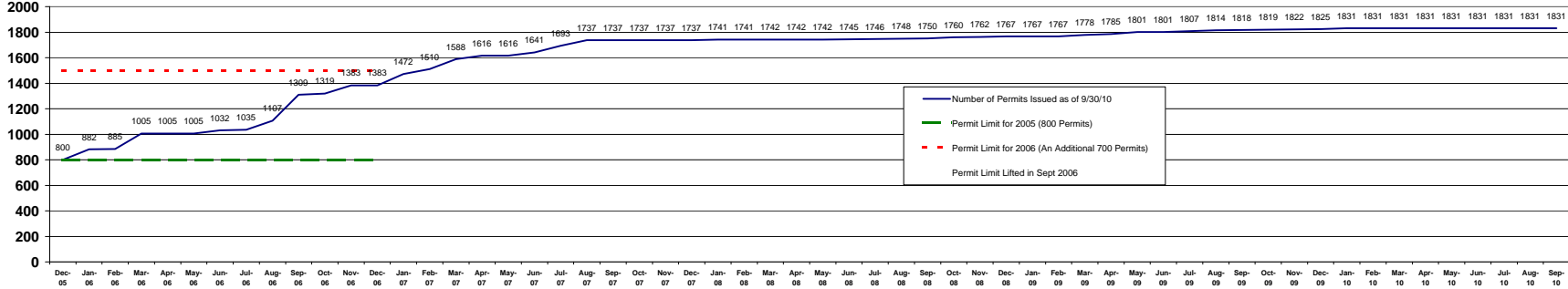
## 3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2010:

- 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. 0 permits were issued in September 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		Sep-10		
	Plumas	NASA	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>0</b>		<b>6</b>

As of September 30, 2010

**Total Permits for 2010 6**  
As of September 30, 2010