



**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 May 16, 2011

(Submitted to The Central Valley Flood Protection Board for the May 27, 2011 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:** The TRLIA Board adopted a Mitigated Negative Declaration on April 20, 2010 and a Notice of Determination was filed on April 23, 2010. The Corps signed the NEPA Finding of No Significant Impact (FONSI) on December 29, 2010.

The CVFPB Anderson Elderberry Mitigation Site encroachment permit was signed and issued to TRLIA on February 7, 2011. Elderberry shrub transplants started on February 8, 2011 and utilizing additional crew and equipment completed all but three transplants by February 15, 2011. *One landowner refused access to his land for the purpose of transplanting 3 shrubs. Via condemnation proceedings TRLIA now has access and will transplant the three shrubs after June 15 and prior to construction reaching them in late June 2011.*

- 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. *CVFPB staff issued the permit on April 11, 2011.*
- b) Corps HQ approved Section 408 on December 22, 2010. The 408 approval letter stated that the Safety Assurance Review (SAR) Plan previously approved by the South Pacific Division included a requirement to have the Board of Senior Consultants (BOSC) specifically address redundancy, resiliency and robustness. TRLIA's BOSC met on January 20, 2011 to accomplish this task. The BOSC found that no changes were needed for the project. The Corps District Office signed the Section 408 Letter of Permission on March 24, 2011.

- c) Yuba County Water Agency (YCWA) submitted a Section 104 request to the CVFPB on February 23, 2010. The CVFPB 104 credit request letter to the Corps was sent on March 18, 2010. On May 5, 2011 the Corps ASACW denied the request for Section 104 Credit for the UYLIP. The following excerpt from the ASACW letter provides the reason for the denial:

“The request relates to seepage and stability problems by modifying 3.75 miles of an existing levee along the Upper Yuba River near Marysville, California at an estimated cost of \$47,600,000. This is the seventh credit eligibility request for this project. The six previously approved credit eligibility requests cover proposed construction at an estimated total cost of \$203,830,000.

The estimated amounts in the previously approved Section 104 credit eligibility requests far exceed any credit that might eventually be afforded against the nonfederal cost share of the Marysville ring levee separable element. The Corps estimates the cost of constructing the Marysville ring levee at approximately \$89,000,000. Thus, the opportunity to afford credit toward this separable element is approximately \$26,000,000. Given that the estimated costs in the previous credit eligibility approvals far exceed the opportunity to actually afford credit, I cannot approve the current eligibility request.”

The ASACW went on to state “...as a matter of policy, this office will no longer consider applications for Section 104 credit eligibility. Section 221 of the Flood Control Act of 1970, as amended by Section 2003 of WRDA 2007, provides a more contemporary and comprehensive general authority for affording credit for non-Federal in-kind contributions that covers all water resources development projects.” DWR has been advised of this credit denial and will allow TRLIA to award the contract.

- 3) **Construction:** Original bids were opened for the UYLIP on August 26, 2010. 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. These bids expired on March 31, 2011 due to no action by USACE HQs & ASACW on the Section 104 credit request. The project was rebid on April 11 and the new bids opened on May 4, 2011. There were three bids that ranged from \$7,614,218.60 to \$9,053,238.00. Magnus Pacific is the lowest responsible bidder and will be awarded the contract. All of the construction work for the UYLIP is still planned to be accomplished during the 2011 construction season.

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

1) **Segment 2:**

- a) **Vegetated Wave Buffer:** The Vegetated Wave Buffer encroachment permit was approved as a consent item at the February 25, 2011 Meeting. Planting preparation is under way.

- b) **Feather River Elderberry Transplant Mitigation Area:** An encroachment permit for the Feather River Elderberry Transplant Mitigation Area was approved as a consent item at the March 25, 2011 Meeting. The remaining associate plantings will occur as soon as weather conditions allow. TRLIA has asked the Corps to reinitiate consultation with the FWS to determine final elderberry mitigation requirements for the Feather River Setback levee. Any additional associate plantings which result from this additional consultation will require the approved permit to be modified by the CVFPB. No additional plantings above those currently approved will occur without additional Board approval.

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. TRLIA is accomplishing final items of the 2-D model development and is initiating model runs. Complications in the modeling have delayed final production runs. *The TRLIA analysis is anticipated to be available this Fall (September/October).*
- 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.

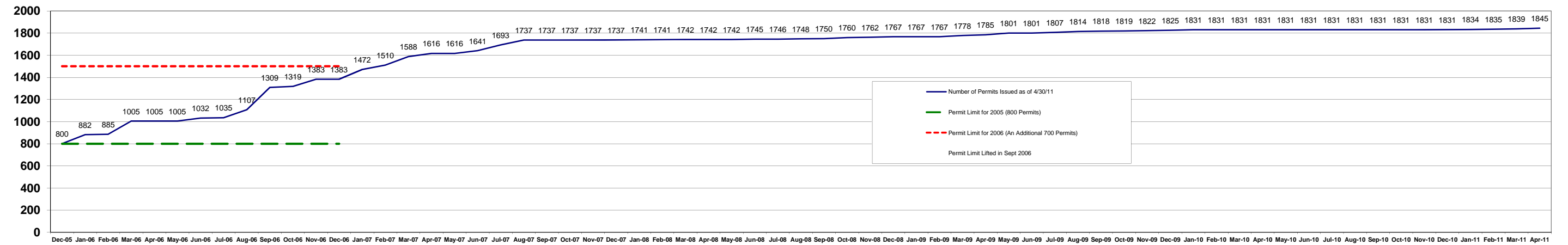
3. **Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area**

- 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 2011.
- b. *As shown in the table, a total of 14 building permits have been issued in 2011 so far. 6 permits were issued in April of 2011.*

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 2011**

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area								Total (By Builder)
	Jan-11		Feb-11		Mar-11		Apr-11		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	3		1		4		6		14
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>3</b>		<b>1</b>		<b>4</b>		<b>6</b>		<b>14</b>

As of April 30, 2011

**Total Permits for 2011     14**

As of April 30, 2011