



**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY**  
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**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY**

Project Status Report dated July 12, 2011

(Submitted to The Central Valley Flood Protection Board for the July 22, 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. *TRLIA transplanted the final three shrubs on June 20, 2011. Because the final three shrubs were transplanted in the non-dormant season, the number of associated elderberry seedlings was increased in the recently issued revised biological opinion (BO). The original application for the encroachment permit stated that 22 seedlings would be planted with the transplanted elderberry shrubs. The revised BO requires 250 seedlings to be planted to mitigate for elderberry impacts. Prior to planting the additional seedlings TRLIA will obtain approval of an amendment to the original permit.*

- 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 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. DWR was advised of this credit denial and allowed TRLIA to award the contract.

- 3) **Construction:** Magnus Pacific, the lowest responsible bidder, was awarded the contract and a Notice to Proceed was issued on May 25, 2011. TRLIA continues coordination with CVFPB Staff and PG&E to ensure that utility modifications are accomplished to meet CVFPB requirements. Much of the levee has been stripped and the east end has been degraded and one cutoff wall header started. An additional cutoff wall header at the west end of the project will be started soon. During excavation for the seepage berm at the east end, an abandoned debris dump was discovered. The debris was evaluated by an archeologist and it was determined that the debris material was not culturally significant. Stained soil in the debris area was removed and tested for hazardous materials and will be disposed of according to findings from the testing. The debris was disposed at a local landfill. Construction of the seepage berm continued after confirmation testing in the excavated area determined no hazardous substances remained in the area of the discovered debris. 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 continues.
- 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 take place in the next few months. 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. At the time of this report TRLIA has not received a response from the Corps.

**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 continue to delay 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.

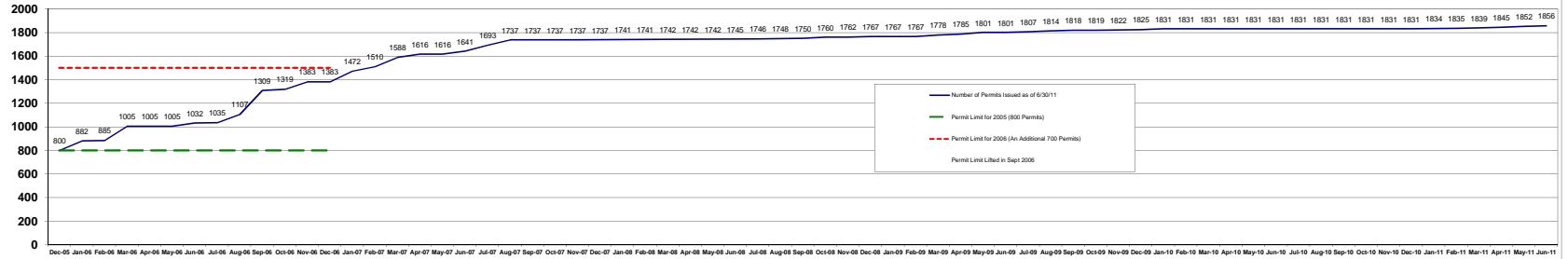
**3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area**

- 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 25 building permits have been issued in 2011 so far. 4 permits were issued in June 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		May-11		Jun-11		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas		NASA
KB Homes North Bay	3		1		4		6		7		4		25
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>7</b>		<b>4</b>		<b>25</b>

As of June 30, 2011

**Total Permits for 2011 25**  
As of June 30, 2011