



# 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 14, 2009

(Submitted to The Central Valley Flood Protection Board for the September 25, 2009 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 Hwy 70 and the Goldfields:**

- 1) TRLIA has submitted a \$67 million application to DWR for this fiscal year EIP program. The DWR decision document and funding agreement are still under review and are expected to be executed this month or next (September – October 09).
- 2) Water Side Slope Flattening: Bids were received and evaluated on September 10. The low bid was from Lorang Brothers. It is anticipated that the TRLIA Board will award this project at the Sept 15 TRLIA Board meeting.
- 3) The work from Simpson Lane up to the Goldfields area is planned to begin in 2010. The CVFPB provided a letter to the Corps initiating the Federal 408 environmental process. This allows the various necessary environmental actions to begin immediately, so that they can be completed in time to allow the design to be accomplished and construction to start in 2010. TRLIA is doing environmental field surveys, geotechnical field tests, and has initiated preliminary design on the most likely project.

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

##### 1) **Segment 1:**

- a) Segment 1 Crack: CVFPB Staff and the Corps of Engineers have provided approval to a repair for the crack. A pre-construction meeting for the crack repair was held with Nordic Industries on September 9, 2009 and construction will be complete by November 1, 2009. In addition to the repair the CVFPB requires TRLIA to continue the monitoring at the crack site for five more years. The monitoring requirement has been incorporated into the O&M Addendum for Segments 1&3.

2) **Segment 2:**

a) Part A of encroachment permit:

- Earth moving operations began in late April and are continuing. The embankment is complete from Station 21+00 to the North Tie-in. Only 100,000 CY (2%) of the embankment remains to be placed.
- The SMGB Reclamation Plan and Financial Plan have been updated and the TRLIA two offsite borrow sites (Ella and Platter) are fully compliant with SMARA.

b) Part B of encroachment permit:

- An intact archaeological feature and prehistoric cultural midden deposit including skeletal elements of an infant and an adult were discovered and delineated in the vicinity of the south tie-in of the setback levee. The Rancheria, Corps of Engineers, DWR, and the CVFPB have approved the embankment redesign in this area to protect the cultural site. TRLIA began construction over the cultural site on August 17<sup>th</sup> and has exceeded 40% of the embankment design height in this last reach of embankment construction.
- The tie-in foundation and continuing embankment work was awarded on April 22 to Teichert. The North Tie-In has been completed. The South Tie-In work at Star Bend began in late June. The foundation slurry wall construction at the South Tie-in is complete. Remaining work at the South Tie-in began August 17<sup>th</sup>, see first bullet above.

c) **Existing Levee Degrade:** The CVFPB approved permit No. 18430 which allows degradation of the existing Feather River East Levee being replaced by the Feather River Setback levee. TRLIA submitted a separate encroachment permit application to the CVFPB for the Vegetated Wave Buffer on September 3, 2009. An additional permit application for the Elderberry Mitigation Area will follow shortly. Degradation of the existing levee began August 24.

d) **Ribbon Cutting:** To celebrate completion of the Feather River Setback Levee, TRLIA is scheduling a ribbon cutting ceremony for 10:30 a.m., Monday, October 26. This is a huge milestone that TRLIA looks forward to celebrating. With that in mind, please save the time and date on your calendars!

3) **Segment 3:** TRLIA plans to construct erosion protection this summer at the confluence of the Feather and Yuba Levees in Segment 3. This erosion protection was identified as necessary by the Corps of Engineers and required before this reach of levee could be certified. TRLIA has received an encroachment permit for this work and a pre-construction meeting with Nordic Industries was held on September 9, 2009 and construction will be complete by November 1, 2009.

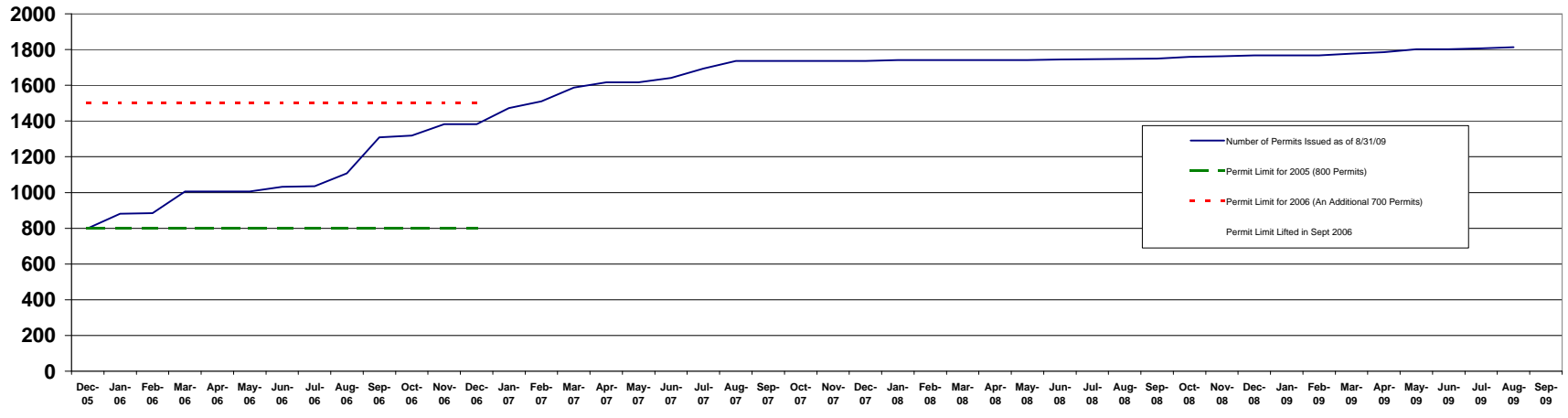
**2. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2009:**

- a. The attached table and graph 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 2009.
- b. *As shown in the table, a total of 47 building permits have been issued in 2009. Seven permits were issued in August of 2009.*

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 2009**

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																Total (By Builder)	
	Jan-09		Feb-09		Mar-09		Apr-09		May-09		Jun-09		Jul-09		Aug-09			
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA		
KB Homes North Bay						11		7	16					6		7		47
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>0</b>		<b>0</b>		<b>11</b>		<b>7</b>		<b>16</b>		<b>0</b>		<b>6</b>		<b>7</b>		<b>47</b>	

**Total Permits for 2009 47**  
As of August 31, 2009