



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated October 12, 2009

(Submitted to The Central Valley Flood Protection Board for the October 23, 2009 meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the following 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 have been completed. TRLIA has signed the funding agreement and returned it to DWR. The agreement is expected to be executed by DGS this month (October 09).
- 2) Water Side Slope Flattening: The TRLIA Board awarded this project to Lorang Brothers at the Sept 15 TRLIA Board meeting. Construction has begun and will be complete by November 1.
- 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 drafting environmental documents, continues geotechnical field explorations to better define the final project, 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. Repair of the crack is complete. 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 almost complete. The embankment is at the design elevation throughout the setback reach. The only embankment work left is completion of stability/seepage berms at the south tie-in and final levee grading. 14,000 CY (less than 1%) of the embankment remains to be placed as of September 26.

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 17th. TRLIA has reached design height in this last reach of embankment construction and is doing the final levee grading.
- 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 embankment work at the South Tie-in is almost complete, 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. Degradation of the existing levee began August 24 and significant progress has been made. The existing levee is degraded at both the south and north end so that flood elevation reduction benefits can be achieved this winter. TRLIA is concentrating on filling the main borrow site in the setback area to prevent potential fish stranding should flows exceed the Feather River banks this winter.

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. Construction began on October 12 and will be complete by November 1, 2009.

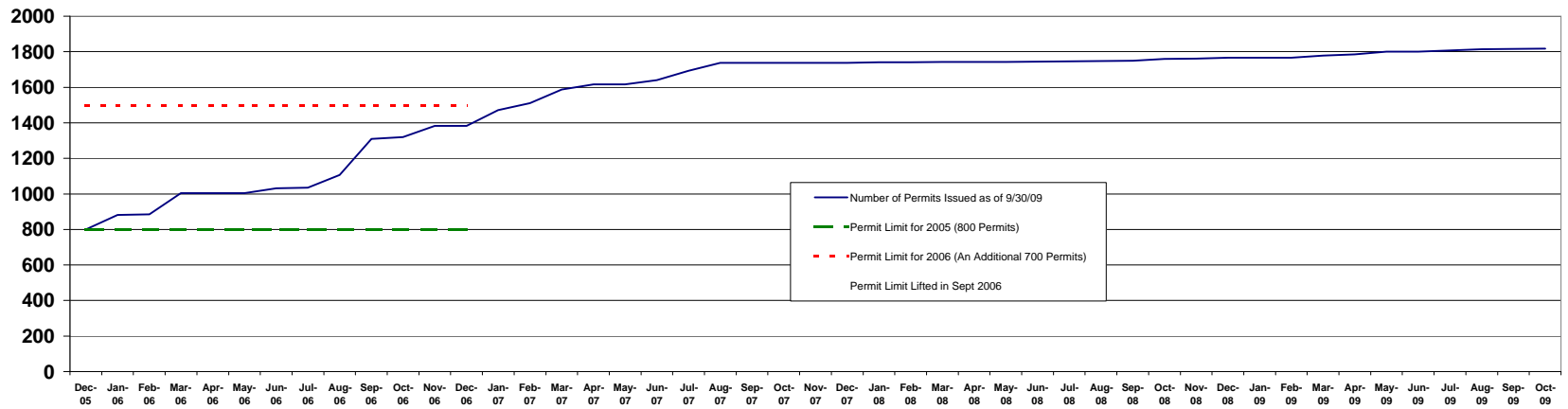
2. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2009:

- 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 51 building permits have been issued in 2009. Four permits were issued in September 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		Sep-09			
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA		
KB Homes North Bay						11			7		16							4		51
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
Monthly Totals	0		0		11		7		16		0		6		7		4		51	

Total Permits for 2009 51
As of September 30, 2009