



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated August 17, 2009

(Submitted to The Central Valley Flood Protection Board for the August 28, 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 (August 09).
- 2) Water Side Slope Flattening: Once the EIP agreement is executed TRLIA plans to do the slope flattening work between Hwy 79 and the UPRR railroad this summer. All environmental documentation and permits for the slope flattening work have been obtained. The slope flattening work is now out for bid.
- 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 in the process of gaining access to 35 parcels along this stretch of levee in order to do environmental field surveys and geotechnical field tests.

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. The repair is anticipated to begin after Labor Day. In addition to the repair the CVFPB requires TRLIA to continue the monitoring at the crack site for five more years. The monitoring requirement is being incorporated into the Draft O&M Addendum for Segments 1&3 that is currently under review.

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 387,000 CY (11%) 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 have been discovered in the vicinity of the south tie-in of the setback levee. The subsurface material is within the footprint of the proposed levee and stabilization berm. Efforts to more precisely determine the lateral extent of the site have been completed. TRLIA continues coordination with the Corps and the Enterprise Rancheria according to the protocols established in the adopted Historic Properties Treatment Plan to determine mitigation measures to offset impacts at this cultural site. The Rancheria has agreed on an alternative design (widen levee and cover the cultural site) at the cultural site. The Corps of Engineers has approved the redesign. State approval is pending the results of the DWR Independent Consulting Board on August 13. TRLIA anticipates beginning construction over the cultural site early the week of August 17th.
- Department of Fish and Game (DFG) has issued the 2081 permit.
- 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 will start after approval of the redesign in this area, see first bullet above.

c) **Existing Levee Degrade:** TRLIA submitted an encroachment permit application on November 17, 2008 for degradation of the existing Feather East levee being replaced by the Feather Setback levee. The CVFPB approved permit No. 18430 which allows levee degradation at the July Meeting. TRLIA is to submit separate encroachment permit applications to the CVFPB for the Vegetated Wave Buffer and for the Elderberry Mitigation Area. Levee degrade is anticipated to begin once the cultural site redesign is approved by the State, which is anticipated to begin Mid August 2009 in order to achieve the following benefits:

1. Reduction in construction time period
2. Provides for flood flow expansion in the Feather River
3. Allows for an early fill of setback area borrow sites beneficial for surface drainage requirements and prevention of fish entrapment
4. Removes potential hazard of unfilled borrow sites for public safety
5. Allows for wetland mitigation required by the Section 404 permit

6. Allows for early restoration of the Platter borrow site returning the property to agricultural uses
7. Significant cost savings

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 applied for an encroachment permit and has asked that this permit be considered at the August Board Meeting.

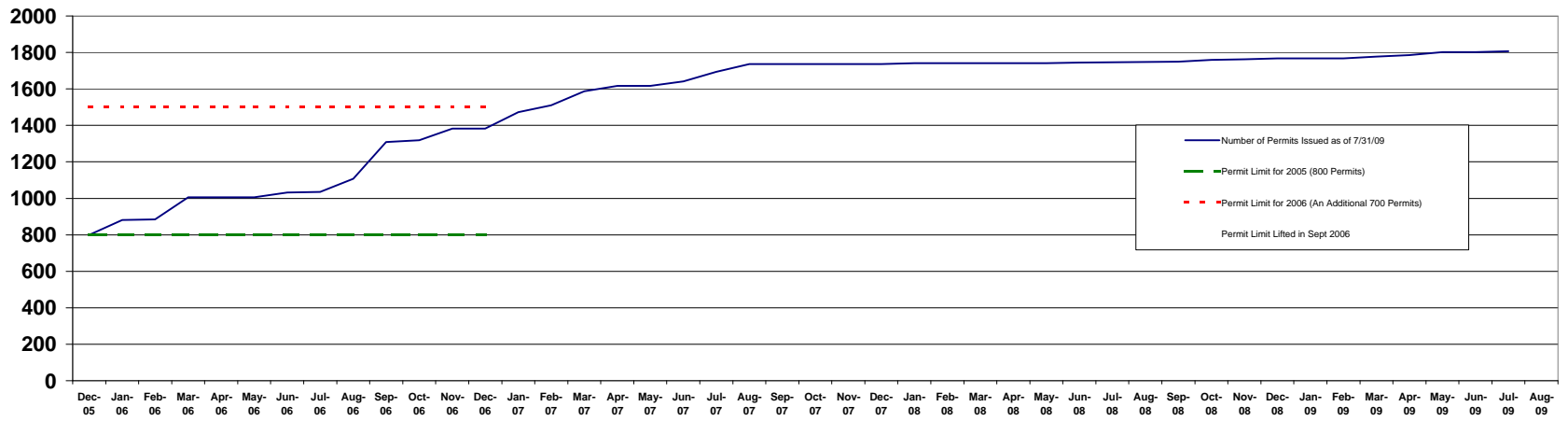
2. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2009:

- 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 40 building permits have been issued in 2009. Six permits were issued in July 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		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay						11		7	16				6		40
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		40

Total Permits for 2009 40
As of July 31, 2009