



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
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THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Project Status Report dated October 18, 2011

(Submitted to The Central Valley Flood Protection Board for the October 28, 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. *TRLIA will make the encroachment permit amendment request to CVFPB staff in October.*

- 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. The entire levee has been stripped and degraded. Stained soil removed from a debris area discovered during seepage berm construction has been isolated. Additional sampling of the stained soil has occurred to reduce the hazardous portion that must be taken to a Class 1 landfill. Construction of the seepage and stability berms and cutoff walls are complete. The final levee embankment is being constructed. Because of early winter rains, final grading of the levee embankment will extend past October 31. The top of the embankment will be to at least the 200-year flood elevation by October 31. Embankment remaining after October 31 (15,000 cubic yards) should be complete by November 7. Rate of embankment placement is currently 5,000 cubic yards per day. Other tasks that will extend past October 31 include placement of aggregate base on the patrol road, placement of asphalt at the Dantoni Road crossing, installing fencing along the landside O&M corridor, installing pipe gates for the levee, and hydroseeding of all disturbed areas. TRLIA will coordinate with CVFPB Staff for a variance to the construction period end date stated in the encroachment permit.

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 has been completed and establishment maintenance started.
- 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 have been planted. TRLIA has written to the Corps to inform them that the plantings as called for in the original biological opinion and approved in the encroachment permit, meet the Segment 2 mitigation requirements of TRLIA and mitigation for Segment 2 is complete with this final planting of remaining seedlings and associates.

2) **Segment 3:**

- a) **Parcel Encroachments North of Island Avenue (lot 155 to 120):** In the process of providing landside toe access corridors as required by the Corps, CVFPB, and DWR, TRLIA and RD 784 determined that a group of land owners had encroached onto land owned by the CVFPB. This encroachment occurs on 51 parcels that exist along the east levee of the Feather River north of Island Avenue. TRLIA and RD 784 have met with CVFPB Staff and developed a plan of action for informing the parcel owners of the encroachment and future actions of TRLIA. Both the CVFPB and TRLIA have sent letters to the parcel owners. In most cases, the encroachment consists of a fence in the wrong place and some vegetation. In five cases, there

are physical structures that have encroached onto CVFPB land. It is TRLIA's intent to remove the encroached fences and vegetation and build a new fence on the correct property line. In those few cases that have structure encroachments, TRLIA will work with the land owner to develop a way to remove or modify the encroachment that will be the least burdensome to the property owner. This encroachment revelation has created concern among these property owners who did not realize that they had encroached. TRLIA held a public meeting in the area on August 22 to present information on TRLIA's plan of action and to answer the questions of the affected land owners. CVFPB Staff attended the meeting and assisted in answering questions. Two land owners have requested a hearing regarding these encroachments. TRLIA and CVFPB Staff are working together to develop additional information to address these land owner hearing requests. TRLIA has submitted an encroachment permit application to build the fence. It is anticipated that the CVFPB will consider this application at the November 2011 Board meeting. TRLIA is developing a bid package to obtain a contractor to move the fence in the spring after the winter wet season.

- b) **Parcel Encroachments North of Island Avenue (lot 119 to 82A):** TRLIA is also pursuing acquisition of additional land from eight other parcels. This acquisition is needed to provide an adequate fenced toe access corridor. TRLIA has discussed acquisition with CVFPB and DWR staff and is moving forward with appraisals.

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 has completed 2-D model development and continues with model runs. TRLIA conducted a TRLIA Board Work Shop on this topic on September 19 at 4:00 in the Yuba County Government Center. TRLIA will be presenting the results of this analysis at the October CVFPB meeting.
- 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.

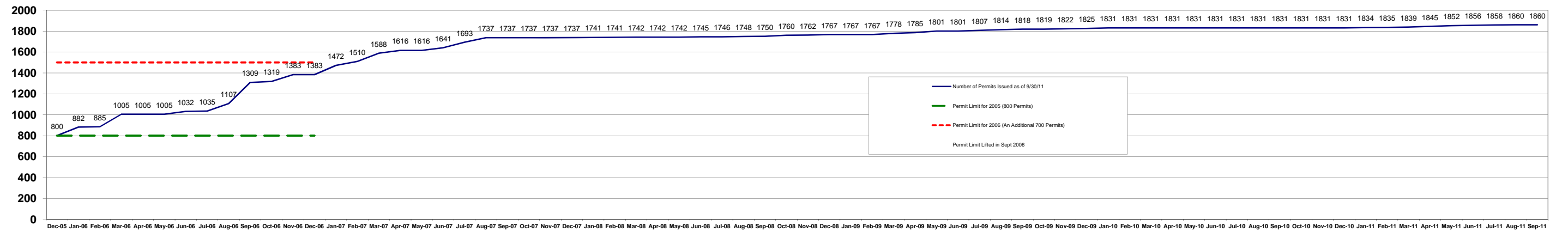
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area

- 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 29 building permits have been issued in 2011 so far. No permits were issued in September 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		Jul-11		Aug-11		Sep-11		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	3		1		4		6		7		4		2		2				29
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	3		1		4		6		7		4		2		2		0		29

As of September 30, 2011

Total Permits for 2011 29

As of September 30, 2011