



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
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THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Project Status Report dated January 17, 2012

(Submitted to The Central Valley Flood Protection Board for the January 27, 2012 meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) program 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 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. CVFPB Staff has directed TRLIA to make a separate permit application for the additional seedling plantings. TRLIA is working with staff to better understand the need for an additional permit.

- 2) **Design:** Complete.
- 3) **Construction:** Magnus Pacific, the lowest responsible bidder, was awarded the contract and a Notice to Proceed was issued on May 25, 2011. Levee embankment construction is complete. Remaining tasks include placement of aggregate base for a portion of the patrol road and installing fencing along the landside O&M corridor. Winter conditions required that construction stop for this year. Construction on the few remaining items will complete in the spring after the flood season ends.

Stained soil removed from a debris area discovered during seepage berm construction has been removed and disposed in the appropriate land fill. TRLIA will seek compensation for this stained soil remediation from the owner of the land where the debris area was discovered.

b. **Phase 4 – Yuba River Levee between Highway 70 and Shad Road:**

TRLIA is working to improve landside levee conditions along a short stretch (400 feet) of the Yuba Levee between Highway 70 and Shad Road. The Corps' Periodic Inspection noted erosion problems on the landside slope and closer evaluation found a vertical wall in the levee slope, a power line at the levee toe, and no O&M access corridor. TRLIA is initiating design and acquisition efforts that will remove the vertical wall, relocate the power line, repair the levee slope, and provide enough land for a 20 foot O&M corridor for operation, maintenance, and flood fight efforts. The TRLIA Board will consider adopting a CEQA Addendum that covers these efforts. TRLIA will be preparing an encroachment permit application for these improvements which are scheduled to occur in late summer. This work will be cost shared with DWR as part of the UYLIP EIP.

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

1) **Segment 2: Complete**

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. The parcel owners have been informed of the encroachment and future actions of the CVFPB and TRLIA. Both the CVFPB and TRLIA 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 (only two permanent structures) that have encroached onto CVFPB land. The initial plan was 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 proposed to 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 created much 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 questions of the affected land owners. CVFPB Staff attended the meeting and assisted in answering questions. TRLIA has submitted an encroachment permit application to build the new fence. A hearing was held by the CVFPB on December 2, 2011 for land owners that requested a hearing regarding these encroachments. TRLIA and CVFPB Staff were directed to work together to develop options that could be implemented along this encroached reach that might allow the land owners to continue using some of the encroached area. TRLIA held a public meeting on January 10, 2012 to discuss these options with the local parcel owners. The CVFPB will again address these encroachments and the fence encroachment permit at the January 26, 2012 Board meeting in Marysville, Ca.

- 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. TRLIA analyses of the Goldfields have identified a flood risk through the Goldfields. Working with the mining companies, TRLIA has taken steps to reduce this risk for the 2011-2012 flood season by constructing blocks at critical locations. TRLIA is pursuing additional geotechnical, hydraulic, geomorphic, and environmental studies to determine what work must be accomplished to provide permanent 100 and 200-year flood protection in the Goldfields. TRLIA has selected geotechnical, geomorphic, hydraulic, and environmental consultants to accomplish these studies. Current geotechnical efforts are focused on determining existing geotechnical information in the Goldfields and determining what additional exploration needs to be done. Geomorphic studies are placing gages along the river and in the Goldfields to obtain information on the river and Goldfields response to high water. Hydraulic studies are completing an independent technical review on the hydraulic models developed and coordinating with other team members to provide them the hydraulic information they need. Environmental reconnaissance is just beginning. TRLIA is pursuing grants from DWR to help pay for these Goldfield evaluations.
- 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 with the Goldfields evaluation.

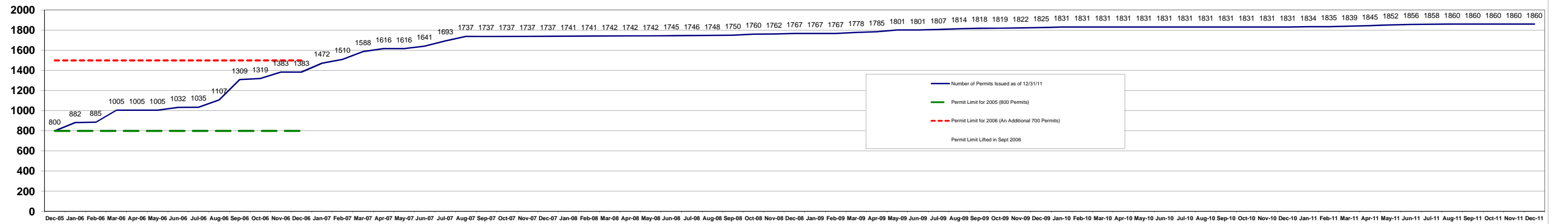
3. **Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area**

- 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 were issued in 2011. No permits were issued in November or December 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		Oct-11		Nov-11		Dec-11		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	3																								29
Cresleigh Homes			1		4		6		7		4		2		2										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		0		0		0		29

As of December 31, 2011

Total Permits for 2011 29

As of December 31, 2011