



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY
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THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Project Status Report dated August 15, 2011

(Submitted to The Central Valley Flood Protection Board for the August 26, 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 August.*

- 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. PG&E has completed most utility modifications. Only the gas line modification remains to be done. The entire levee has been stripped and degraded. Two cutoff wall headers are underway. Stained soil removed from the debris area discovered during seepage berm construction has been isolated. Initial sampling of stained soil showed indication of high copper sulfate, probably from disposed pesticide or herbicide. Additional tests are being conducted to determine if levels of copper sulfate in the soil are leachable and exceed the State Soluble Threshold Criteria for Hazardous Waste. If it is determined that they exceed, then the soil will be taken to a Class 1 landfill. Construction of the seepage and stability berms is almost complete. All of the construction work for the UYLIP is still planned to be accomplished during the 2011 construction season.

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 will take place in the next few months. TRLIA has written to the Corps to inform them that TRLIA will complete all plantings as called for in the original biological opinion. These plantings, which were approved in the encroachment permit, will meet the mitigation requirements of TRLIA. There is no need to reinitiate consultation with the USFWS and mitigation will complete with the 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 is meeting individually with some of these owners to provide more information as to how the encroachment was discovered and to discuss future TRLIA actions. TRLIA will hold 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.

- 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. These parcels are currently encumbered by an existing CVFPB easement and part of the acquisition process will include an effort to resolve the state easement impacts on these parcels.

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 is accomplishing final items of the 2-D model development and has initiated model runs. The TRLIA analysis is anticipated to be available this Fall (September/October).
- 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.

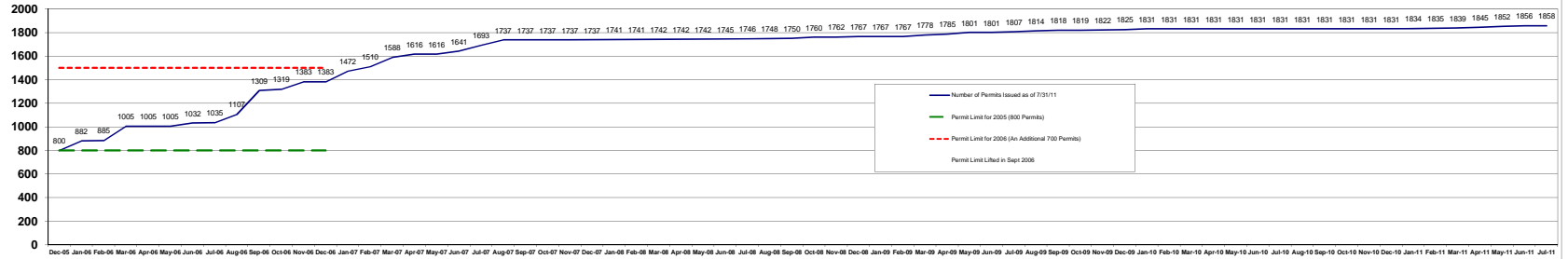
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area

- 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 27 building permits have been issued in 2011 so far. 2 permits were issued in July 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		
	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		27
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		27

As of July 31, 2011

Total Permits for 2011 27

As of July 31, 2011