



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218

Marysville, CA 95901

Office (530) 749-7841 Fax (530) 749-6990

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Project Status Report dated December 5, 2008

(Submitted to The Central Valley Flood Protection Board for the December 19, 2008 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. Administrative and Other Items:

- a. TRLIA Counsel spoke with Board Counsel regarding whether any changes are needed in the TRLIA 2nd Implementation Agreement in light of the fact that non State funding is now coming from YCWA and Yuba County. Counsel for the Board has stated that she does not believe any changes are necessary. On behalf of TRLIA, TRLIA General Counsel will send a letter or agreement that documents this final resolution.
- b. On December 3rd the Riparian Habitat Joint Venture, a coalition of State and Federal agencies and nonprofits, honored the Bear River Setback Levee project (TRLIA phase 3 work) and its creators with its Flagship Award. Also, on December 3rd River Partners celebrated the planting of their one millionth tree at the Bear River Setback Levee environmental restoration area.

2. Levee Design and Construction Work:

- a. **Phase 4 – Yuba River Levee between Simpson Lane and the Goldfields:**
 - 1) TRLIA continues with geotechnical investigations and gathering survey information on the Yuba South Levee upstream of Simpson Lane. The purpose of this investigation is to verify the flood protection reliability of this last reach of the Yuba Levee. TRLIA is also beginning the design for erosion protection of the reach just downstream of the Goldfields and expects to construct this erosion protection early next summer. The final report on the hydraulic reanalysis has been completed and was supplied to the Corps and DWR for their review. No comments have been received.

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

1) Segment 1 & 3:

- a) Segment 1: Nordic Inc has completed approximately 98% of the levee work and is on target to complete this construction season. The CVFPB General Manager granted a variance to the Encroachment Permit that allows work to continue until December 15th. Work remaining this year involves completion of the relief wells in the Site 7 Extension, winterization and demobilization.
- b) Segment 1 Crack: TRLIA has accomplished additional explorations requested by DWR and continues to monitor the site. Updated information is being shared with the Corps, DWR and the CVFPB. The site continues to stabilize. Movement has essentially ceased. If required, corrective action for the crack is anticipated to occur next levee season, once CVFPB, DWR, Corps, and TRLIA determine if additional actions are necessary.
- c) Segment 3: Nordic Inc. is done with levee work.

2) Segment 2:

- a) Part A: Foundation Slurry Wall construction, other than at the tie-ins, has been completed.. Embankment efforts continue due to dry conditions and is approximately 35 to 40% completed. The weather will dictate how much embankment is placed during the remaining winter months. In total, nearly 50% of the Part A work (slurry wall and embankment) has been completed.
- b) Part B: Construction work controlled by Part B of the encroachment permit is still pending waiting for the finalization of the federal permitting process. Corps HQ has directed that Section 408 approval be obtained before any Section 404 permits are issued for the setback levee construction. The Corps has determined that an EIS is required to support the Section 404 and 408 approvals. The FEIS Federal Register listing completed on November 24. The Corps is considering the Section 408 request to alter the levee. TRLIA has submitted the final wetlands mitigation plan for the 404 permit to the Corps for approval. TRLIA continues to coordinate with the Corps to obtain the issuance of the 404 permit and 408 approval in early December, 2009. TRLIA will provide latest status at the December CVFPB meeting. Due to the delay in the federal permitting process the Part B work will most likely begin construction during the next construction window, no sooner than April 15th; however, if the federal permits are issued as anticipated TRLIA will look for opportunities to perform portions of the Part B work (e.g. environmental work that is controlled by the biological opinion) that does not impact the existing levee before April 15th
- c) 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. Degradation is proposed to begin when the Setback Levee is substantially complete.

- d) TRLIA has requested a meeting between the Corps and CVFPB staff to discuss documentation or actions needed to officially accept the Bear Setback Levee into the Federal flood protection system. Some confusion exists as to whether the Corps does or does not consider the existing Bear Setback levee to be a part of the system. The purpose of these discussions is to identify any additional actions that may be needed to remove this confusion.
- e) Based on discussion at the November 21 CVFPB Meeting, TRLIA has proceeded with obtaining levee O&M indemnification from the County of Yuba. This has already been obtained from RD784. The TRLIA Board and the County Board of Supervisors will consider providing this indemnification at their Board meetings on December 9.
- f) On November 5, 2008, a TRLIA environmental consultant observed the presence of subsurface prehistoric archaeological deposits in a root ball created by the unauthorized removal of walnut trees. This discovery was on a property at the south tie-in of the setback levee. Limited testing was conducted to determine the potential archaeological importance of these deposits. This testing conducted on November 17, 2008 resulted in the discovery of an intact archaeological feature and prehistoric cultural midden deposits that extend up to 80 cm below ground surface (cm bgs). A deeper deposit of cultural material that appears to be the remains of an earlier occupation was located between 85 and 115 cm below ground surface. In addition, skeletal elements of an infant and an adult were discovered at depths between 50 and 125 cm bgs. The presence of intact archaeological deposits including features and human remains indicates that the subsurface cultural material is a significant find eligible for inclusion on the National Register of Historic Places. The subsurface material appears to be within the footprint of the proposed levee and stabilization berm and subject to adverse project impacts. TRLIA initiated and continues coordination with the Corps and the Enterprise Rancheria according to the protocols established in the adopted Historic Properties Treatment Plan. A plan to more precisely determine the extent of the site is underway. Final actions at this site will be determined through consultation with the Corps, the State Historic preservation office, and the Enterprise Rancheria.

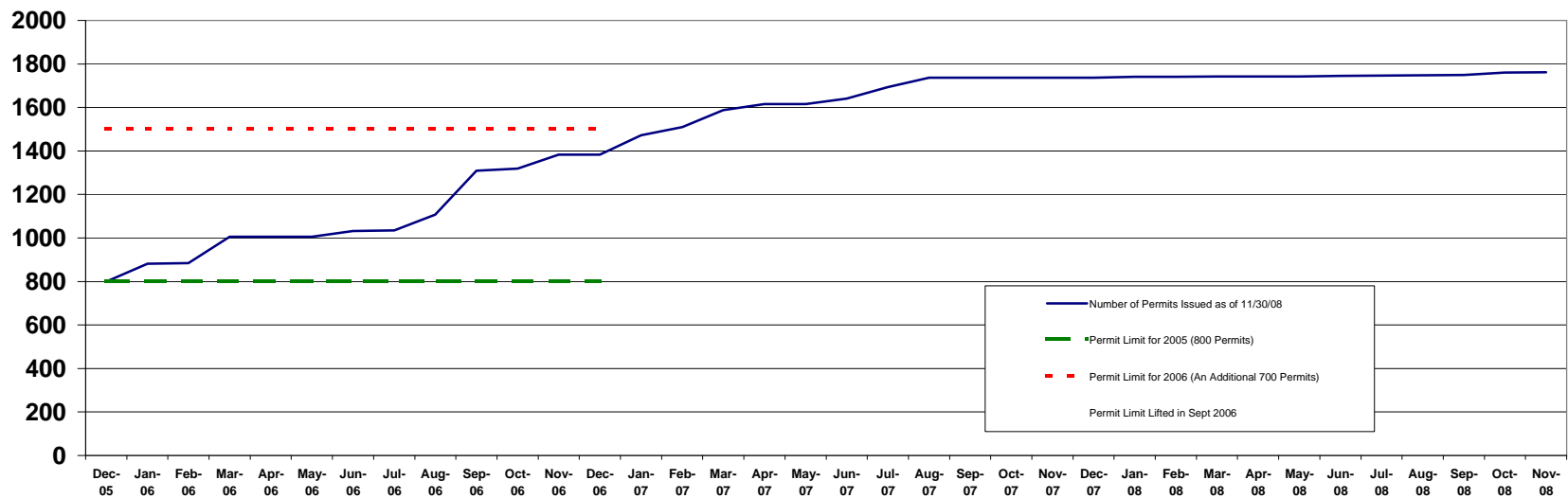
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2008:

- 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 2008.
- b. As shown in the table, a total of 25 building permits have so far been issued in 2008. Two permits were issued in November of 2008.

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 2008

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																				Total (By Builder)		
	Jan-08		Feb-08		Mar-08		Apr-08		May-08		Jun-08		Jul-08		Aug-08		Sep-08		Oct-08			Nov-08	
	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		1			2		1		10		2	19
Cresleigh Homes																	1						1
Forecast Homes/K Hovnarian	3																						3
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		1				1																	2
Monthly Totals	4		0		1	1	0		0		3		1		2		2		10		2		25

As of November 30, 2008

Total Permits for 2008 25