



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated November 7, 2008

(Submitted to The Central Valley Flood Protection Board for the November 21, 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 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. TRLIA Counsel needs to discuss this in more detail with Board Counsel and document the final resolution.

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 will be supplied to the Corps and DWR for their review.

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

1) **Segment 1 & 3:**

- a) Segment 1: Nordic Inc has completed approximately 95% 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 November 15th. Work remaining this year involves completion of the relief wells in the Site 7 Extension, winterization and demobilization.

- b) Segment 1 Crack: At last month's CVFPB meeting TRLIA explained that an approximate 600 ft long crack has developed during construction of the waterside toe slurry wall just south of Star Bend. On the surface the crack is approximately one-half inch wide. TRLIA continues to monitor instruments installed for the purpose of detecting any additional levee movement. Indications are that movement continues to slow and has almost ceased. This reach of levee is considered stable and all indications are that this site is continuing to stabilize. All new information is shared with CFVPB Staff, DWR and the Corps. A draft Emergency Action Plan has been developed and is being reviewed by the CVFPB staff, DWR, Corps, and RD784 just in case movement begins during a high water event. The crack has been covered with Visquine as requested by DWR to prevent runoff from seeping into the crack. TRLIA met with DWR and the Corps on October 30 to discuss additional information needs. An exploration work plan for additional explorations suggested at that meeting is under review by DWR.
- c) Segment 3: Nordic Inc. is approximately 98% done with levee work and is on target to complete this construction season. Work remaining includes installation of piezometers for monitoring the effectiveness of the slurry walls, winterization and demobilization. The CVFPB General Manager granted a variance to the Encroachment that work to continue until November 15th.
- 2) **Segment 2:**
- a) All Part A of the State encroachment permit has now been awarded and is under construction. The Fish and Wildlife Service Biological Opinion for the Setback levee has been finalized. Construction is occurring on approximately 80% of the levee footprint. Foundation Slurry Wall construction, other than at the tie-ins, is expected to be complete by December 15, 2008. Embankment efforts have been slowed by the recent rains. The weather will dictate how much additional embankment is placed during the winter months.
- 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 was listed in the Federal Register on October 24. The Corps is considering the Section 408 request to alter the levee. TRLIA is working with the Corps to finalize the wetlands mitigation plan for the 404 permit. Once the EIS is completed (Corp anticipates the 1st week in December) the issuance of the 404 permit and 408 approval will occur shortly thereafter. Due to the delay in the federal permitting process the Part B work will begin construction next spring, after April 15th.

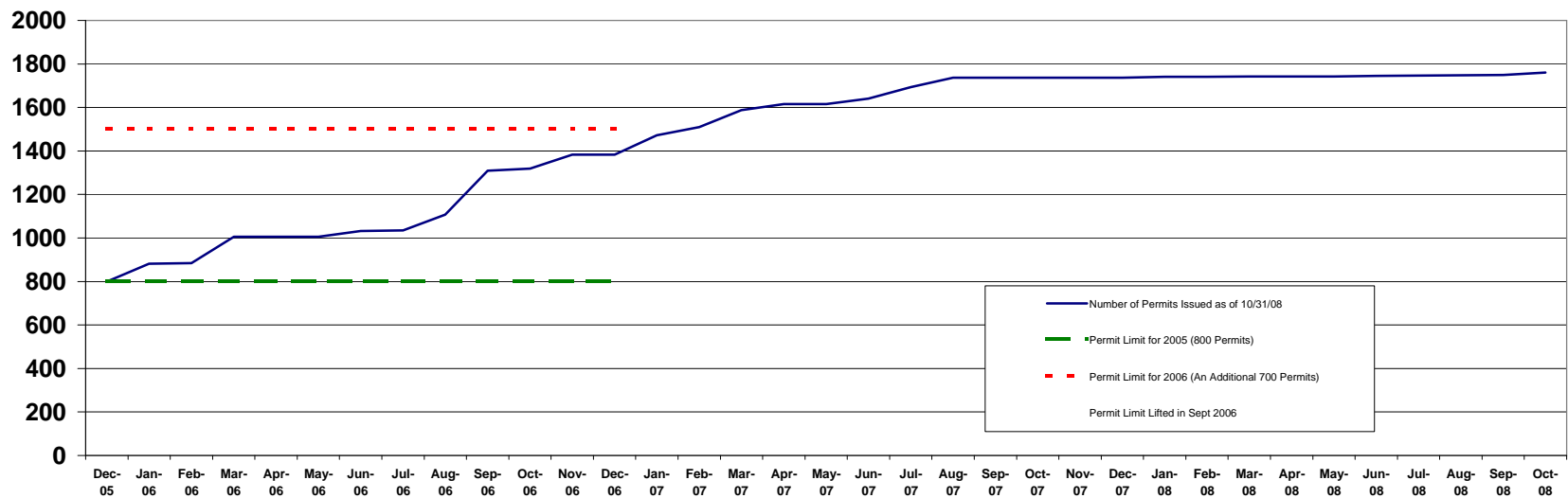
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2007:

- 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 23 building permits have so far been issued in 2008. Ten permits were issued in October 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		
	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					10	17
Cresleigh Homes																	1	1			1
Forecast Homes/K Hovnanian	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		0		0		3		1		2		2		10		23

As of October 31, 2008

Total Permits for 2008 23