



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated February 15, 2010

(Submitted to The Central Valley Flood Protection Board for the February 26, 2010 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 work from Simpson Lane up to the Goldfields area is planned to begin in 2010. The CVFPB provided a letter to the Corps initiating the Federal 408 environmental process. This allows the various necessary environmental actions to begin immediately, so that they can be completed in time to allow the design to be accomplished and construction to start in 2010. Originally TRLIA had planned to accomplish the CEQA and NEPA process together in a joint document. However, TRLIA has opted to separate the joint NEPA/CEQA Upper Yuba Levee Improvement Project document into separate CEQA and NEPA documents. This change was made to facilitate the initiation of right of way acquisitions and State and/or local approvals needed for construction of the project in 2010. TRLIA continues discussions with the Corps of Engineers on the appropriate NEPA document for Section 408 and Section 104 credit approvals.

TRLIA signed the Notice of Intent to complete an Initial Study/Mitigated Negative Declaration (IS/MND) on February 11, 2010 and issued the Draft IS/MND for public review. The Draft IS/MND is available for public review and comment until **March 15, 2010.** Copies of the Draft IS/MND may be reviewed at TRLIA's Web site, <http://www.trlia.org/>, at the Yuba County Library, 303 Second Street, Marysville; and at the Sutter County Library, 750 Forbes Ave, Yuba City. Electronic copies of the Draft IS/MND are also available on CD by request. To request a CD copy, or for questions regarding the Draft IS/MND, please contact Laurie Warner Herson, HDR inc., 1610 Arden Way #175, Sacramento, CA 95815, (916) 569-1000, Laurie.WarnerHerson@hdrinc.com.

Interested parties are also invited to attend a public information meeting to provide comments on the Draft IS/MND:

- Monday, March 8, 2010
- 6:30 to 8:30 p.m.
- Yuba County Government Center, Board Chambers 915 Eighth Street, Marysville.

Written comments on the Draft IS/MND should be sent to Paul Brunner, P.E., Executive Director, Three Rivers Levee Improvement Authority, 1114 Yuba Street, Suite 218, Marysville, CA 95901, fax (530) 749-6990. Comments may also be sent via e-mail to pbrunner@co.yuba.ca.us. For e-mailed comments, please include the project title in the subject line, attach comments in MS Word format, and include the commenter's U.S. Postal Service mailing address.

- 2) Potential Groundwater Impacts: TRLIA has completed an evaluation of potential groundwater impacts from a slurry wall project from Simpson Lane to the Goldfields. Evaluation results from that report were provided to the Board. Overall, there is little impact to groundwater from the proposed project. Shallow water wells adjacent to the proposed slurry wall will be replaced as part of the proposed project. TRLIA's groundwater consultant (MWH) will give a presentation on the evaluation at the February Meeting.
- 3) Design: TRLIA initially proposed a project that would only include a slurry wall from Simpson Lane to approximately midway of the planned improvement, and then a seepage berm from the midway up to the Goldfields. However, additional evaluation has determined that the slurry wall alternative would provide a more reliable repair in most of the reach that was proposed to be seepage berm. The proposed project has been modified to extend the slurry wall an additional 7,200 feet almost to the end of the levee. The last 1,900 feet of the levee repair will remain seepage berm. Listed below are several key design actions:
 - a) 60% Plans and Specifications and a Draft Design Documentation Report have been issued to the CVFPB, DWR, and the Corps.
 - b) The second Board of Senior Consultant (BOSC) Meeting will be held on March 11 to discuss this submittal. CVFPB Staff, DWR and the Corps have been invited to attend.
 - c) TRLIA submitted a CVFPB Encroachment Permit Application on February 3, 2010 for the UYLIP.
 - d) Yuba County Water Agency (YCWA) will submit a Section 104 request to the CVFPB in February and
 - e) YCWA will submit the Section 408 Summary Report in February for review by the CVFPB and Corps of Engineers staff.

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

- 1) **Segment 2:** Part A of encroachment permit: The embankment is at the design elevation throughout the setback reach and embankment construction is complete. Asbuilt drawings and FEMA levee certification documentation are being prepared. The only work remaining is development of 7 of 26 wells, pump testing and installation of manholes on all 26 wells, and placing rock aggregate on a portion (1,600 linear feet) of the landside toe access patrol road. Other than well development, construction work has ceased at the setback levee due to wet conditions. Ongoing efforts include security patrols and inspection and maintenance of erosion BMP's for winter weather.
 - a) **Existing Levee Degrade:** The CVFPB approved permit No. 18430 allows degradation of the existing Feather River East Levee being replaced by the Feather River Setback levee. Approximately 62% of the levee has been degraded. The existing levee is degraded at both the south and north end so that flood

elevation reduction benefits can be achieved this winter. Approximately 71% of the main borrow site in the setback area is filled. Degradation activities have ceased for the winter due to wet weather. TRLIA has taken steps to winterize the disturbed areas and to ensure the partially filled borrow site and the entire Setback Area will drain to the Feather River to prevent potential fish stranding should flows exceed the Feather River banks this winter.

- b) TRLIA submitted a separate encroachment permit application to the CVFPB for the Vegetated Wave Buffer on September 3, 2009. This encroachment permit is under review by the CVFPB staff.
- c) TRLIA is preparing the permit application for the Feather River Elderberry Mitigation Area. TRLIA continues to work with DWR floodway maintenance staff and F&WS to develop an acceptable approach to floodway maintenance for all parties. DWR is setting up a committee to guide the actions within the Feather River Corridor, with participation from various branches of DWR, the CVFPB, the local maintenance districts, TRLIA, the counties, and other interested stakeholder groups. The Committee is called the Feather River Corridor Management Plan development team

2. Goldfields:

- a. The Corps of Engineers hydraulics analysis for the General Re-evaluation Report (GRR), including a Goldfields analysis, is complete and the Corps staff is working with the CVFPB staff to set a time for the Corps of Engineers to present their analysis and findings for the Goldfields area. TRLIA's understanding was that this presentation was to occur at the Feb. CVFPB meeting, but the agenda was too full to accommodate.
- b. Due to the questions that have been raised by some public members and the CVFPB, TRLIA (via MBK) has begun examining the hydraulics of the Goldfields area as part of the UYLIP levee certification process. The work involves obtaining the most recent surveys of the area, possible surveying of portions of the area and performing hydraulic analysis. The results of this effort are projected to be available late this year. It is currently planned that TRLIA's efforts will be presented in conjunction with the Corps of Engineers Goldfields presentation mentioned in 2b above.

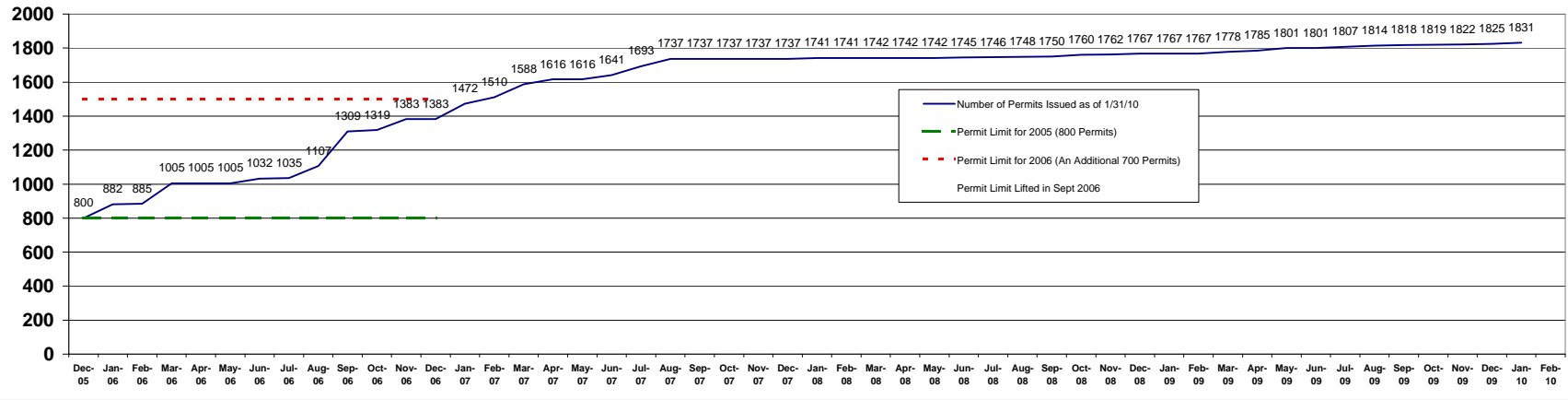
3. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2010:

- 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 2010.
- b. As shown in the table, a total of 6 building permits have been issued in 2010 so far. All were issued in January of 2010.

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 2010

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area										Total (By Builder)
	Jan-10		Feb-10		Mar-10		Apr-10		May-10		
	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
KB Homes North Bay	6										6
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	6		0		0		0		0		6

As of January 31, 2010

Total Permits for 2010 6
As of January 31, 2010