

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

GOVERNMENT CENTER – 915 8TH STREET, SUITE 115
MARYSVILLE, CA 95901-5273
(530) 749-7575 (530) 749-7312 Fax

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY Project Status Report dated July 11, 2006 (Submitted to The Reclamation Board for the July 21, 2006, meeting)

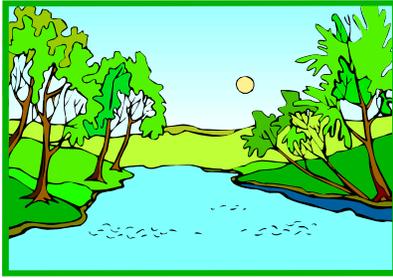
A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document.

Levee Design and Construction Work

Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad embankment: Replacement of Pump Station No 6 continues with concrete work for the new station. Most of the work along the WPIC has been completed except for one area that requires in-water work which cannot commence until August 1 due to environmental constraints. Work has started on the Bear Setback levee tie-in stub. Some additional seepage berms along the upper Bear River will be required to address shallow sand layers discovered during construction. Design and construction of these seepage berms is being coordinated with the Corps of Engineers. The seepage berm along the south bank of the Yuba River will complete once a right of entry is obtained from Caltrans for the last area of the berm.

Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 construction: Construction of the setback embankment continues to make good progress. Approval of simultaneous degradation of the existing levee by the Corps of Engineers and the Reclamation Board will allow the embankment to be completed by September. This is a month earlier than required by the contract. Removal of the walnut orchards in the area of environmental restoration continues, which will allow restoration to begin this fall. Negotiation with River Partners for the restoration continues with just a few items remaining to be decided.

Phase 4 – Feather River Levee between Bear and Yuba Rivers, Yuba River levee between the Union Pacific Railroad embankment and the Goldfields: Design of the Phase 4 reaches on the Yuba and Feather River Levees continues. TRLIA issued Invitation for Bids on June 14 for the Yuba River reach between the Union Pacific Railroad and Simpson Lane. The bids will be opened on July 14. An alternatives analysis report to investigate the possibility of a setback levee along the Feather River is under preparation as is CEQA documentation for all Phase 4 construction. A CEQA scoping meeting was held on June 29. The remainder of the studies for Phase 4 will complete in 2007 with construction occurring in 2007 and 2008.



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

GOVERNMENT CENTER – 915 8TH STREET, SUITE 115
MARYSVILLE, CA 95901-5273
(530) 749-7575 (530) 749-7312 Fax

THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

Supplemental to Project Status Report dated July 11, 2006
(Submitted to The Reclamation Board for inclusion in the July 21, 2006, meeting agenda)

Levee Design and Construction Work – Updates since July 11, 2006 report

Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad embankment: Phase 2 work continues on schedule and will complete this year.

Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 construction: As a result of the Reclamation Board Meeting of July 10, TRLIA has proceeded with degradation of the existing levee to construct the new levee which will allow the embankment to be completed by September 1, 2006. Removal of the walnut orchards is scheduled to complete by the end of July, which will allow restoration to begin this fall. River Partners is scheduled to begin restoration in early September.

Phase 4 Yuba River Levee between the Union Pacific Railroad embankment and the Goldfields: The contract was awarded on July 18 for the Phase 4 Yuba Levee repair from the UPRR to Simpson Lane. Nordic Industries was awarded the contract for \$12,915,630. TRLIA would like to issue the Notice to Proceed on July 28 but this is subject to receiving the Rec Board encroachment permit that is due to be issued by staff. Construction would occur from August to November 2006. TRLIA will be holding a workshop to inform the public of construction related activities related to Yuba River Phase 4. We will also use this as an opportunity to provide information on flood insurance and the County evacuation plan.

Phase 4 Feather River Levee between Bear and Yuba Rivers: A scoping meeting for the Phase 4 work was held on June 29 in the Yuba County Government Center. Yuba County OES presented information on residual flood threat and evacuation plans. The Feather Draft CEQA Document is scheduled to begin public review on August 15 for a 45 day review period. The Final Document is scheduled for certification the end of October.

Additional Updates:

- **Status on fulfilling TRLIA commitments made at April 21, 2006 State Reclamation Board meeting in order to gain building permit limitation lifted** The Second Implementation Agreement required the satisfaction of six items. The following is an update on those items:
 - A commitment by Three Rivers to use its best efforts to complete the Yuba

River levee acceleration work in 2006 and all elements of the program by 2008.

TRLIA approved award of a contract on July 18 to accomplish the Yuba Phase 4 Levee repair between the UPRR and Simpson Lane. TRLIA continues with design for work on the Feather Levee with a schedule to complete all work by 2008.

- **A commitment by the Landowners for a comprehensive financing plan to fund the phase 4 program (including phases 2, 3, and 4 construction and condemnation contingencies).** TRLIA, Yuba County, and Reclamation District 784 approved a second funding agreement on July 18 with the Landowners for a comprehensive financing plan to fund the Phase 4 program (including contingencies for past phases).
 - **Remedies available to the Reclamation Board in the event that the committed funding is not available when needed.** Remedies are listed and agreed to by the Reclamation Board in the second Implementation Agreement.
 - **A commitment by the Landowners to provide, at no cost to all new residents in the Affected Area, flood insurance through the completion of Phase 4 or 2010 (whichever occurs first).** Commitments to provide flood insurance to residents are contained in the second funding agreement approved on July 18.
 - **A commitment by Three Rivers to continue to make reports, as requested, providing updates on the status of the Three Rivers project.** TRLIA is committed to continued reports, as requested by the Reclamation Board, providing updates on the status of the Three Rivers program
 - **A commitment by Yuba County to continue to use reasonable diligence to inform residents within RD 784 of the risk of flooding and to further refine and improve the County's Evacuation Plan and Pre-hazard Mitigation Plan.** TRLIA has held two public meetings and is scheduling a third to update the public on its construction program and the remaining flood risk during that program. TRLIA is assisting with updates of the County Evacuation Plan and the Pre-Hazard Mitigation Plan. These updates are scheduled to be complete on November 6.
- **Yuba River Phase 1 and 2 Update:** A question was posed by a member of the community to the State Reclamation Board in an email dated July 9, 2006 regarding the safety of the reconstructed Yuba levee between Hwy 70 and the UPRR. TRLIA believes the levee was re-constructed safely and will provide 200-year protection and will have the ability to be certified as meeting FEMA criteria. Phase 1 constructed a 50 ft deep slurry wall in the levee from Hwy 70 upstream to the 1986 break area. This slurry wall was designed to be shallow because of constructability concerns with a cobble layer in the foundation. The purpose of the slurry wall was to address through levee seepage and stability issues, not under seepage. The slurry wall was not continued through the break area due to presence of large boulders in the lower levee and foundation that were placed there as part of the repair of the break. For Phase 2, TRLIA worked closely with the Corps of Engineers to determine the best solution for underseepage downstream of the break and for through seepage and underseepage problems through the break section (reach with large boulders) and upstream to the UPRR. Collectively, TRLIA and the Corps agreed that a combined landside seepage/stability berm 300 feet wide was the best method for addressing through and

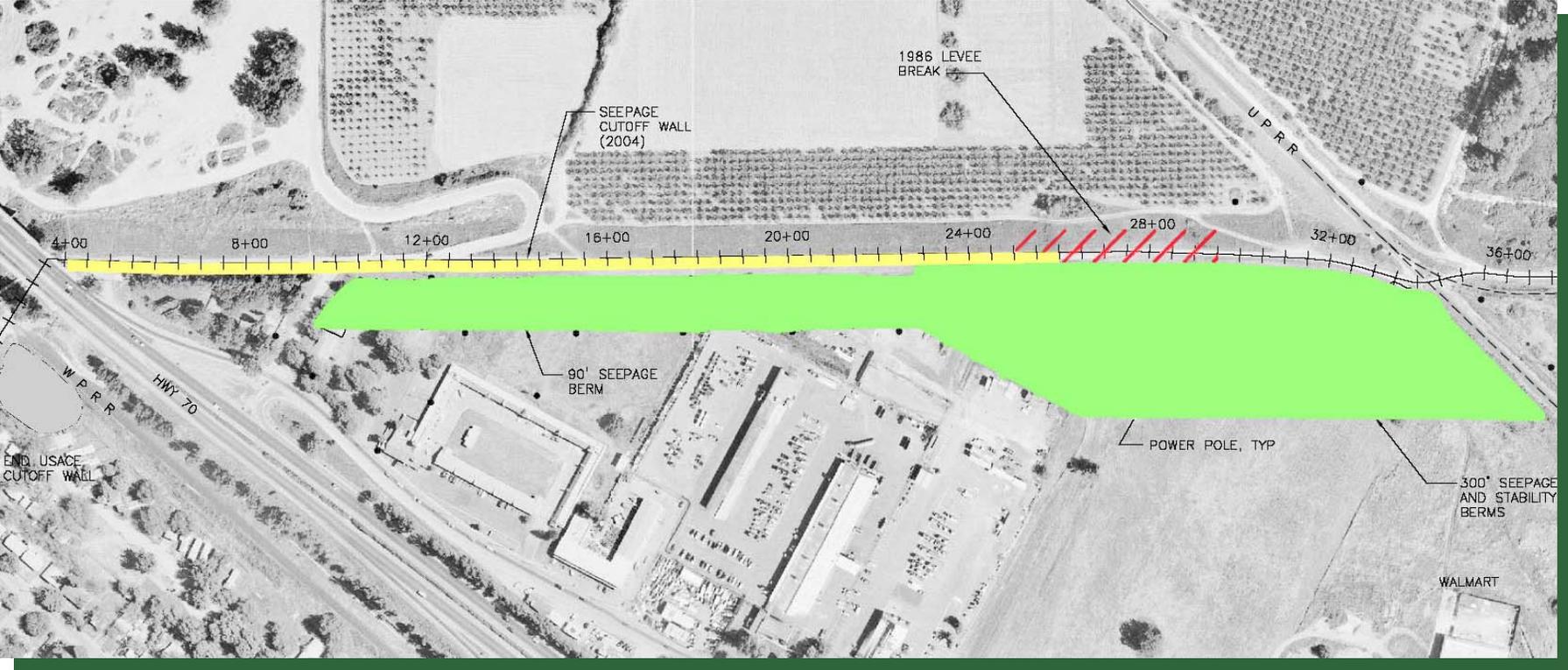
underseepage in the break section with boulders. In the downstream portion of this levee where the slurry wall was constructed, a 90 foot seepage berm was constructed. The seepage/stability berm is complete along the boulder section except for a small portion in the area of the CALTRANS Maintenance Yard. The seepage/stability berm on the CALTRANS property is scheduled to be completed in August 2006. TRLIA wrote a letter to the Corps in April 2006 asking the Corps to certify this reach as meeting FEMA criteria. The Corps is processing this request and has not expressed any reservations about the use of the stability/seepage berm in the break area. Attached are 2 exhibits which show the area of the seepage stability berm and some sections through the berm.

- **Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2006:** The attached table and graph provide 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 2006.

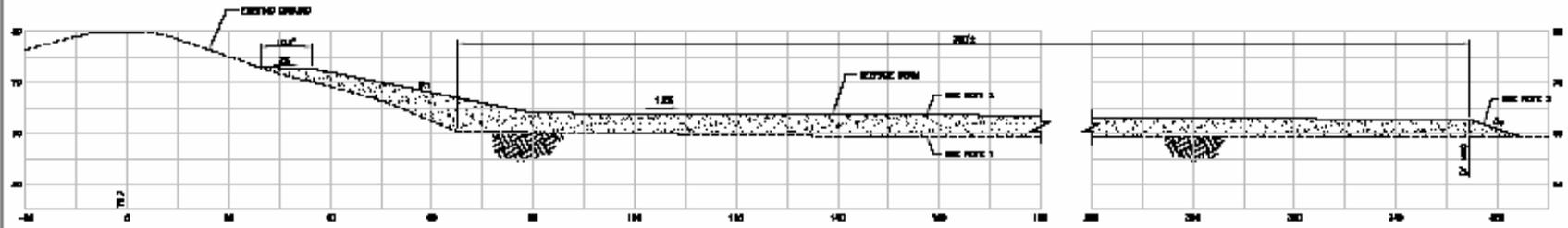
As shown in the table, a total of 235 building permits have so far been issued in 2006, out of a total “allowable” of 700. The graph indicates the rate that permits are being issued in this area.

- Table - Permits issued within PLSPA and NASA in 2006
- Graph – Building Permits Issued in TRLIA Project Area

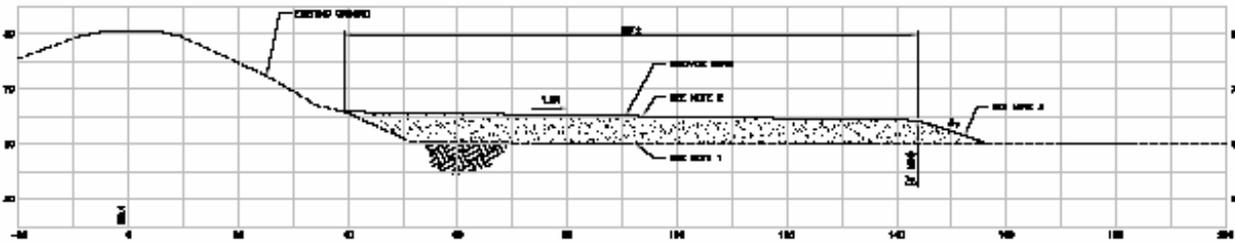
OVERVIEW OF REPAIRS



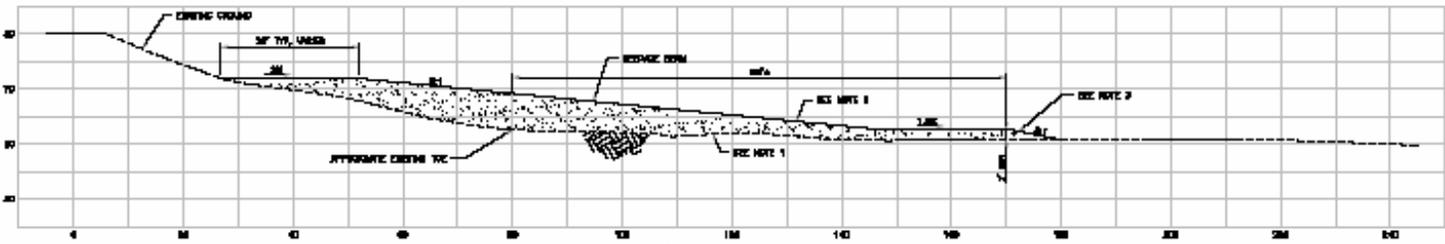
SEEPAGE BERM SECTIONS



300' SEEPAGE BERM, STA 26+50 TO 34+00 .TYP
1" = 10'



90' SEEPAGE BERM, STA 10+00 TO 23+00 .TYP
1" = 10'



90' SEEPAGE BERM, STA 00+75 TO 01+75 .TYP
1" = 10'

- NOTES**
1. IN SEEPAGE BERM FROM STEP TOP 6'-8" TO 8' BEFORE PAIR PLACEMENT.
 2. PLACE 2 ROWS OF STAPLED SEAL ON BERM SURFACE. TAPE SHALL BE 1/2" STITCHED TOGETHER UPON COMPLETION.
 3. PLACE STAPLED CORNER FROM BOTTOM TO TOP CORNER THROUGH IN 24" SLITS AT BERM TOE.
 4. FOR SEEPAGE BERM TO BE BUILT BETWEEN BERM TOE BERM ON SHEET 0-01 AND 0-02.

0-01-1-00000

Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2006

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area																								Total (By Builder)
	Jan-06		Feb-06		Mar-06		Apr-06		May-06		Jun-06		Jul-06		Aug-06		Sep-06		Oct-06		Nov-06		Dec-06		
	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									10																16
Cresleigh Homes	11										6														16
Forecast Homes/K Hovnanian	26		21								5														47
Homes by Towne/HBT Constr.													1												1
Beazer Homes																									0
California Homes/Home Builders					44					3															47
Cassano Kamilos Homes																									0
D.R. Horton/Western Pacific	47		23																						70
Other					33					3															38
Monthly Totals	84		44		77		0		16		11		3		2										

Thru 7/17/06

Total permits issued between 1/01/06 and 7/17/06

235

**Total number of permits issued for Elevation 62.1 lots
(All issued to KB Homes' River Glen development within NASA)**

Total number of permits issued for model home lots (i.e., homes that will not be occupied in the near future)

**Number of permits issued out of an allowable total of 700 for 2006
(i.e., total permits issued, less those issued for Elevation 62.1 lots and for model lots)**

235

**Number of remaining 2006 permits
(out of a total of 700)**

465

Building Permits Issued in TRLIA Project Area

