



**TRLIA**  
**2<sup>nd</sup> QUARTERLY**  
**PROGRESS REPORT**  
**FOR**  
**UPPER YUBA RIVER LEVEE**  
**IMPROVEMENT PROJECT**

- 1. Quarterly Progress Report (QPR) for 2<sup>nd</sup> Quarter: January 1 – March 31, 2010**
- 2. Date of Report: May 26, 2010**
- 3. Purpose of Quarterly Report:** This report summarizes the work completed in the 2<sup>nd</sup> Quarter.
- 4. Specific Project Element Information:**
  - **Major accomplishments this quarter (i.e. tasks completed, milestones met, meetings held or attended, press releases, etc.)**
    - **Project Element 1:** On March 26, 2010 the Construction Report, As-built drawings, and the O&M Manual Addendum were submitted to DWR & CVFPB.
    - **Project Element 2:** 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 on February 12<sup>th</sup>. Public review comment period ended on March 15<sup>th</sup>. A public information meeting to accept comments on the Draft IS/MND was held on March 8, 2010 and was well attended.
    - **Project Element 2:** TRLIA presented the MWH report on the effect of slurry walls on groundwater; specifically from Simpson Lane up to the Goldfields to the CVFPB at the February 26, 2010 meeting. The MWH groundwater report is being used for both the NEPA and CEQA documents and design. Overall, there is no regional impact and little impact to groundwater adjacent to the slurry wall from the proposed project. Shallow water wells close to the proposed slurry wall will be modified or replaced, if necessary, as part of the proposed project.

- **Project Element 3:** 60% Plans and Specifications and a Draft Design Documentation Report were issued to the CVFPB, DWR, and the Corps. The second Board of Senior Consultant (BOSC) Meeting was held on March 11 to discuss the 60% design. CVFPB Staff, DWR and the Corps attended. The BOSC was satisfied with the TRLIA staff/consultants responses to their comments and questions.
- Significant Events, media releases, and media coverage during the Quarter: None

- **Engineering and Construction matters:**

- **Project Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50**
  - Feature 1 Design: The HDR design was completed in a prior Quarter. The design was reviewed and approved by the Corps, DWR and CVFPB.
  - Feature 2 Permitting: All permits were obtained. See for updated Overall Work Plan Tab D (Attachment 1)
    - TRLIA Consultants prepared Levee System Certification documents during this Quarter. TRLIA anticipates submitting 100-year FEMA certification documentation to FEMA for Project Element 1 in May 2010.
  - Feature 3 Right of Way: All actions have been completed. No work performed this Quarter
  - Feature 4 Construction Management: The completed construction was monitored throughout the Quarter to ensure weather protection measures remain in place and are working.

On March 26, 2010 the As-built drawing were submitted to DWR & CVFPB as part of the Construction Documentation Report

- Feature 5 Construction: Construction of this Project Element was completed last Quarter
- Feature 6: O&M Manual: On March 26, 2010 the O&M Manual Addendum was submitted to DWR & CVFPB. The O&M Addendum is not a stand-alone document. It is an addendum to the existing Corps of Engineers' Operation and Maintenance manuals for the levee system (Standard Operation and Maintenance Manual for the Sacramento River Flood Control Project, dated May 1955, and Supplement to Standard Operation and Maintenance Manual, Sacramento River Flood Control Project, Unit No. 145-Part No. 1, dated August 1955). The addendum was

prepared following the guidelines contained in the Corps' Engineering Regulation ER 1110-2-401, Operation, Maintenance, Repair, Replacement, and Rehabilitation Manual for Projects and Separable Elements.

- **Project Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**
  - Feature 1 Alternatives Analysis: Completed in the 1<sup>st</sup> Quarter.
  - Feature 2 CEQA/NEPA: Work on both CEQA and NEPA documents were performed throughout the quarter.
    - Separated CEQA and NEPA documents – key reason was to allow real estate actions to proceed (acquisition of expanded levee O&M access corridor (10ft to 50ft))
    - 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 on February 12<sup>th</sup>. Public review comment period ended on March 15th. A public information meeting to accept comments on the Draft IS/MND was held on March 8, 2010 and was well attended. The TRLIA Board adopted the Mitigated Negative Declaration at their April 20th meeting.
    - NEPA – Corps of Engineers is the lead Agency and is still evaluating the project to determine if an EA with mitigated FONSI is appropriate.
      1. The Corps of Engineers has selected HDR to be the consultant preparing the NEPA documentation
      2. Anticipate the Corps of Engineers to issue the Draft EA for Public review on May 24, 2010
      3. Anticipate the Corps of Engineers to sign the FONSI in late June or early July 2010
    - TRLIA presented the MWH report on the effect of slurry walls on groundwater; specifically from Simpson Lane up to the Goldfields to the CVFPB at the February 26, 2010 meeting. The MWH groundwater report is being used for both the NEPA and CEQA documents and design. Overall, there is no regional impact and little impact to groundwater adjacent to the slurry wall from the proposed project. During this Quarter TRLIA worked with property owners in

close proximity to the project on mitigating any impacts to their water wells caused by the building of the cut-off wall.

- Feature 3 Preliminary Design: HDR, Kleinfelder, and MHM completed their preliminary design.
  - Feature 4 Permit Preparation: Work on Federal, State, and local permits occurred this quarter.
  - Feature 5 Right of Way: TRLIA real estate and legal consultants were very active this quarter performing preliminary right of way work for the project, including identification of all necessary property interests and the owners thereof, plus coordination between project design team and property owners to minimize project costs and mitigate its impacts. Over 30 parcels are impacted. Note - Right of Way support expenses are captured under this Element & Feature. See attachment 3 for the list of parcels and owners.
- **Project Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work**
- Feature 1 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 determined that the slurry wall alternative would provide a more reliable repair in most of the reach that was proposed to be seepage berm as well as having fewer significant impacts on adjacent properties. The proposed project was modified this Quarter 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.
    - 60% Plans and Specifications and a Draft Design Documentation Report were issued to the CVFPB, DWR, and the Corps.
    - The second Board of Senior Consultant (BOSC) Meeting was held on March 11 to discuss the 60% design. CVFPB Staff, DWR and the Corps attended. The BOSC was satisfied with the TRLIA staff/consultants responses to their comments and questions.
    - ✓ Any alteration to a Federal project levee will require Section 408 approval from the Corps of Engineers (Corps). One requirement for this approval is a Safety Assurance Review (SAR) of the proposed levee repairs by a panel of independent experts. TRLIA performed a SAR for the Feather River Setback Levee. TRLIA is using the same geotechnical experts (Donald H. Babbitt and Faiz

Makdisi) that were used for the Feather River Setback Levee and has added David T. Williams to the BOSC to review its hydraulic analysis of the Upper Yuba River.

- ✓ The BOSC met in mid December to review the preliminary design of the Upper Yuba River Levee Project and provided comments on January 11, 2010. Responses to the BOSC comments were provided at the March 11<sup>th</sup> meeting.
- Feature 2 Permitting: Work on Federal, State, and local permits continued this quarter. See Attachment 2 for list of permits.
  - TRLIA submitted a CVFPB Encroachment Permit Application on February 3, 2010 for the UYLIP.
  - Yuba County Water Agency (YCWA) submitted a Section 104 request to the CVFPB in February
  - YCWA submitted the Section 408 Summary Report in February for review by the CVFPB and Corps of Engineers staff
  - On February 22, 2010 TRLIA sent a letter to the CVFPB and DWR requesting approval to use the Anderson Elderberry Site.
  - On March 26, 2010 the Corps of Engineers presented to the CVFPB a new hydraulic analysis of the flood risk in the Goldfields as part of its Yuba Basin Feasibility Study. According to the Corps, the Goldfields do not present a risk of flooding to South Yuba County from a 100-year flood event. Therefore, FEMA certification of TRLIA's levee system, which is predicated on 100-year flood protection, is proceeding without delay. While the Corps did conclude that there is a risk of isolated, shallow flooding from the Goldfields into South Yuba County for events larger than the 100-year flood event, it could not identify an improvement (solution) that would justify the investment of federal funds in a project.

Yuba County, YCWA, TRLIA, and RD784 remain committed to achieving 200-year flood protection for South Yuba County, and are working together to accomplish that goal. Per state law, local agencies have until 2015 to develop a plan for 200-year flood protection. In the interim, TRLIA's Upper Yuba River Levee Improvement Project must be completed to achieve 100-year flood protection. Additionally, more detailed hydraulic analysis is needed to identify improvements in the Goldfields necessary to achieve 200-year flood protection.

TRLIA began working on issues associated by the 200-year overflow from the Goldfields area, which include:

- ✓ TRLIA has tasked MBK Engineers with conducting a detailed hydraulic evaluation of the Goldfields. This work will be independently peer reviewed and information will be provided to the CVFPB, DWR and the USACE at key milestones for input into the analysis. This analysis will evaluate the risk of flooding in the Goldfields for both the 100 and 200 year flood events and be used to support the FEMA certification process for the upper Yuba River south levee. The recent USACE hydraulic analysis (presented at the March 2010 CVFPB meeting) is a feasibility level effort to support the General Reevaluation Report and made conservative assumptions to determine if there was a Federal interest in reducing the risk of flooding from the Goldfields. The TRLIA (MBK) hydraulic analysis will be a more detailed analysis and will be used as the basis for developing solutions. TRLIA's hydraulic analysis is scheduled to be completed in late 2010.
- ✓ TRLIA is working with Yuba County and YCWA to build a cooperative forum that will include all stakeholders (Goldfields mining operators and local, state and federal agencies) working together to understand and participate in the steps needed to reduce the risk of flooding from the Goldfields area.
- TRLIA is scheduled to complete and submit in May 2010 the 100-year FEMA certification documentation to FEMA for EIP Project Area 1. The May 2010 documentation includes the completed work on Project Element 1. The May 2010 documentation identifies Project Elements 2, 3, and 4 as part of a FEMA Provisionally Accredited Levee (PAL), which will be FEMA certified in 2011 once the construction work is done. TRLIA is performing additional hydraulic analysis in the Goldfields area to ensure storm flows (100 year storm event) do not out flank the UYLIP levee. The recent USACE hydraulic analysis (presented at the March 2010 CVFPB meeting) is a feasibility level effort to support the General Reevaluation Report and makes worst case assumptions to determine if there is a Federal interest in reducing the risk of flooding from the Goldfields. The TRLIA (MBK) hydraulic analysis will be a more detailed analysis and will be used as the basis for FEMA certification.
- Feature 3 Right of Way:
  - Work on the TRLIA Real Estate Plan was performed during this Quarter

- During this quarter TRLIA Real Estate and Legal staff met with numerous property owners and began discussions on property acquisition for the levee corridor and borrow site, including coordination between the owners and the project design team to identify and mitigate potentially adverse impacts of the project
    - The UYLIP Real Estate EIP Plan was submitted in late April after comments on the 60% design were received from Corps of Engineers and State.
  - Feature 4 Construction Management: No work was performed this quarter.
  - Feature 5 Environmental Mitigation: No work was performed this quarter.
    - During this Quarter TRLIA continued to work with property owners in close proximity to the project to identify and mitigate any impacts to their water wells that may be caused by the building of the cut-off wall.
    - Elderberries are anticipated to be relocated due to the levee improvements. On February 22, 2010 TRLIA sent a letter to the CVFPB and DWR requesting approval to use the Anderson Elderberry Site.
  - Feature 6 O&M Manual Addendum: No work was performed this quarter.
- **Project Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction – Sta 102+50 to 303+59**
  - Feature 1 Construction: No work was performed this quarter.
- **Project Element 5: Prior Completed Work**
  - Feature 1 Prior Completed Work: TRLIA submitted the invoices for the completed work so that DWR could approve the credit to be used for local share.
- **Project Element 6: Project Management, legal support, community relations support, land management support, and overhead**
  - Activity occurred in all Features during this quarter

- **Environmental matters**

- **Project Element 2 & 3:**

- TRLIA retained MWH to prepare a report on the effect of slurry walls on groundwater; specifically from Simpson Lane up to the Goldfields. The report will be used for NEPA and CEQA documents and design. MWH completed the report during the 1<sup>st</sup> quarter. Evaluation results from that report were provided to the CVFPB Board and staff, and DWR. Overall, there is no regional impact and little impact to groundwater adjacent to the slurry wall from the proposed project. Shallow water wells close to the proposed slurry wall will be modified or replaced, if necessary, as part of the proposed project.
- Anticipate CEQA document (IS/MND) to be completed in April 2010
- Anticipate NEPA documents to be completed early in the 4<sup>th</sup> Quarter and public comments received.
  - Anticipate the Corps of Engineers to issue the Draft EA for Public review on May 24, 2010
  - Anticipate the Corps of Engineers to sign the FONSI in late June or early July 2010
- FRAQMD has indicated that the construction air emission can be mitigated.
- CVFPB and DWR approval of TRLIA request to use the Anderson Avenue Elderberry Mitigation Site along the Feather River is needed so that TRLIA can avoid a significant increase in Elderberry mitigation costs due to having to use an offsite mitigation bank.

- **Status of permits, easements, rights-of-way, and approvals as may be required by other State, federal, and/or local agencies:**

- **Project Element 1:** All Permits and approvals have been acquired - see attachment 1
- **Element 2, 3, & 4:** Key items are listed below.
  - Receive Corp of Engineers 408 Authorization and 104 Credit approvals in late July/early August.



- Part of the 408 Authorization will be a F&WS biological opinion that outlines the Elderberry mitigation requirements
    - It is anticipated that the F&WS B.O. will be based on their programmatic permit.
  - CVFPB issue Encroachment permit at their June 2010 meeting conditioned on 408 authorization and 104 credit approval
  - See Attachment 2 for permit list
- **Issues/concerns that have, will, or could affect the schedule or budget, with a recommendation on how to correct the matter:**
  - **Issue 1** – pertains to all Project Elements: There is concern that State funding will not be provided in a timely manner, such as the reimbursement of the state share of the Feather River EIP segment 1 expenses, due to ongoing State financial problems. Local funding is not sufficient to sustain long lapses in State funding without causing project delays.
 

Recommended Solution: DWR streamline internal state payment procedures to allow timely payments
  - **Issue 2** – pertains to Project Elements 2, 3, & 4: The Federal NEPA, 408 Authorization, and 104 Credit letter approval processes have been very time consuming and are about to cause significant levee improvement work to slip into 2011. Delay of Project completion to 2011 will expose the residents of South Yuba County to another year of flood risk.
 

Recommended Solution: Once the Corps signs the EA with mitigated FONSI (projected in late June); both TRLIA and DWR encourage the Corps to expedite the 408 authorization and 104 credit letter approval.
  - **Issue 3** – In March 2010 the Corps presented a Goldfields hydraulic analysis briefing to the CVFPB. The Corps studied the Goldfields as part of the Yuba Basin Feasibility Study. The Corps hydraulic study is a worst case analysis which found:
    - 100-year storm event contained within Goldfields area/no problem
    - 200-year storm event overflows from Goldfields area and impacts a portion of South Yuba County

Corps analysis did not find a solution that is economically justified for federal support

The CVFPB has raised questions about the threat that a portion of South Yuba County will have shallow flooding from 200-year storm overflow from the Yuba River associated with the Goldfields area

Recommended Solution: Both TRLIA and DWR make a joint presentation to the CVFPB stating: 1) the USACE analysis of the Goldfields **does not** affect the need for the current TRLIA Upper Yuba River Levee Improvement Project for either the 100-year or 200-year storm event, 2) that the UYLIP project remains cost justified, 3) there is very little additional cost for including 200-year features in the work, and 4) that the UYLIP project needs to proceed now and not be held up by Goldfields issues. Key points are:

- The additional construction costs for providing 200-yr level of flood protection is roughly \$90,000, which equates to an approximate 0.5% increase in total construction costs. This is based on the 90% design.
- The recent Corps hydraulic analysis does not change the benefit-cost ratio for the Upper Yuba River Levee Improvement Project. The economic analysis that was done for the Upper Yuba EIP project already addressed a 200-year storm event over flow from the goldfields area. Based on additional analysis requested by DWR during the Upper Yuba EIP application process, the benefits of TRLIA's levee improvement program were reduced by the expected damages remaining from the residual threat of flooding from the Goldfields. David Ford Consulting modified their prior inundation reduction analysis to incorporate a 200-year Goldfields floodplain map that was developed by MBK. The 200-year Goldfields floodplain was determined by MBK and was similar to the floodplain recently shown by the Corps. Even when incorporating the Goldfields 200-year floodplain and reducing the benefits of TRLIA's program, which include the Upper Yuba River EIP project, it stills has a positive benefit-cost ratio of 2.3 to 1.
- Any solution to the 200-year Goldfields overflow event will keep the flow within the Yuba River floodway, which means both the 100-year and 200-year storm events will pass by the downstream Upper Yuba River Levee Improvement Project. Thus it is appropriate for the Upper Yuba River Levee Improvement Project to be designed and constructed to withstand these storm events.
- The Upper Yuba River Levee Improvement Project is needed to improve the existing levee so that it can achieve 100-year flood protection for FEMA Accreditation. The USACE 100-year storm event hydraulic modeling shows the Goldfields area does not impact the South Yuba County area protected by RD784 levees if the Upper Yuba River levee improvements are completed.

- TRLIA's Upper Yuba River Levee Improvement Project design includes: tying the levee into the Goldfields on high ground, and strengthening the barrier between the mining area and the properties to the south. Regulatory agencies and TRLIA's Senior Board of Consultants – a group of independent professional engineers who provide quality control and independent review of TRLIA's work – have concluded that the Upper Yuba River levee improvement Project will provide a high level of flood protection as designed for both 100-year and 200-year storm event.
- TRLIA has already begun working on issues associated with the 200-year overflow from the Goldfields area, which include:
  - TRLIA, via MBK, has initiated an additional hydraulic evaluation of the Goldfields, which will better define if there is a 200-year event issue from the Goldfields. The MBK analysis will also confirm the Corps 100-year flood event conclusion for FEMA certification. The recent USACE hydraulic analysis is a preliminary effort done for the USACE GRR feasibility study and it is based on very conservative assumptions. The TRLIA (MBK) hydraulic analysis will be more detailed and useful for developing options for the 200-year storm event. The hydraulic analysis will be stamped by a professional engineer, undergo independent peer review and agency review. The hydraulic analysis should be available by end of 2010.
  - TRLIA is working with Yuba County and YCWA to build a cooperative forum that will include all stakeholders (Goldfields mining operators and local, state and federal agencies) working together to understand and participate in the steps needed to reduce the risk of flooding from the Goldfields area.
  - Per California Senate Bill 5 local agencies, such as TRLIA, have until 2015 to develop a plan for 200-year flood protection.
  - TRLIA remains committed to achieving 200 year flood protection for South Yuba County, and will keep DWR, CVFPB and others up to date on our progress.
- **Issue 4** – TRLIA needs to mitigate for elderberry impacts and has requested DWR and CVFPB approval to use the Anderson Elderberry Site. The use of the Anderson Site will be much less expensive than using an off-site mitigation bank.

Recommended Solution: DWR and CVFPB approve the Anderson Site for TRLIA's use.

- **Describe differences between the work to be performed and the work outlined in the Overall Work Plan, including anticipated change orders:**

- None

- **Demonstrate financial ability to pay local cost share of Eligible Project Costs required to complete the Project:**

- Local funding for the remaining costs of the project is to come from three sources (listed in order of priority of use by TRLIA):
  - State Funding of Segment 1 of the Feather River EIP Project.
  - Credits accrued from State funding of prior completed work (Element 5 Work as well as other costs incurred prior to the funding agreement execution).
  - Local funding from the proceeds of bond sales completed by the Yuba Levee Finance Authority.

The Local Share of the Project based upon the current overall work plan is \$20,391,271. Within this budget, Element 5 work has already been complete and the local share of this work had been previously paid for by TRLIA, (\$2,304,649) therefore the local share of these costs can be deducted to determine the remaining local share of costs of the project (\$18,086,623). Project costs are expected to be less than the overall budgeted costs, however, at this time, TRLIA is still making provisions for local sources to cover the entire remaining local share budget for the project.

The local funding sources available to cover the remaining project costs are detailed as follows;

- On May 14, 2010, DWR provided notification that the State is processing a payment of \$8,089,379 to reflect reimbursement for Segment 1 and Segment 3 Erosion Site 2 work as part of a modified Feather River Funding Agreement. This payment represents reimbursement to TRLIA for local funds spent on the State Share of the Segment 1 and Erosion Site 2 work. These funds will be used to fund the local share of Upper Yuba River Costs.
- As part of ongoing work over the past several months, on May 21, 2010 TRLIA submitted a revised Statement of Costs and response to an exceptions report finalizing the documentation associated with the Element 5 (and other prior work) expenses eligible for Credit toward the local share of costs on the Upper Yuba Project. This effort has resulted in documenting \$11,151,126 of expenses incurred from November 2006

through October 20, 2009. At a 70% state cost share, this generates \$7,805,788 of credit toward local costs for the Upper Yuba Project.

- The above two items total \$15,895,167 of credit available. The remaining local costs, \$2,191,456 are well within the share of local funds generated from Bond proceeds originally budgeted for the Upper Yuba project (~\$5.0 million).
- **Legal Matters:** No issues for all Project Elements
- **Cost Information by Project Element:** This information is provided in Appendix I at end of this Quarterly Progress Report.

**5. Schedule Information by Project Element:** Shown in the figure below is an updated Exhibit A (overall project schedule).

Project Elements and Features	2009												2010												2011					
	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun				
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>																														
Feature 1: Design																														
Feature 2: Permitting																														
Feature 3: Right of Way																														
Feature 4: Construction Management																														
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<b>Element 6: Project Management, legal support, community relations support, land management support, and overhead [5]</b>																														
Feature 1 - TRLIA Salaries/Benefits																														
Feature 2 - TRLIA Consultant Exp.																														
Feature 3 - TRLIA Legal Support																														
Feature 4 - TRLIA Travel Expenses																														
Feature 5 - TRLIA General Expenses																														
Feature 6 - TRLIA Insurance																														
Feature 7 - TRLIA Travel																														
Feature 8 - TRLIA Memberships																														

**Blue:** Original Schedule in Exhibit A    **Yellow:** Prior Quarter Adjustments    **Green:** Changes this quarter

- **A discussion on how the projected schedule compares to the original or last reported schedule:** The changes below are also reflected in the 4<sup>th</sup> Quarterly Work Plan
  - **Element 2 Feature 5:** Schedule extended out through 2011 for eminent domain actions.
  - **Element 3 Feature 2:** Schedule extended out through 2011 for FEMA Accreditation.
  - **Element 3 Feature 3:** Schedule extended out through 2011 for eminent domain actions.
  - **Element 4 Feature 1:** Schedule extended into 2011 to reflect late construction start in 2010 due to federal permitting process.
  - **Element 5 Feature 1:** Extended schedule to accommodate the ongoing review of invoices by DWR and TRLIA

## **6. Attachments**

1. Permit Status Update - Upper Yuba River Levee: Slope Flattening
2. Permit Status Update – Upper Yuba Remaining Work
3. List of UYLIP Property Owners and Parcels

## **7. Appendices**

Appendix I: TRLIA Upper Yuba River Levee Improvement Project Second Quarterly Progress Report Budget Information; May 26, 2010

## Attachment 1

### Tab D: Project Element and Features Permits & Environmental Documents

Status as of January 14, 2010

#### Upper Yuba River Levee: Slope Flattening

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	STATUS/COMMENTS
Central Valley Flood Protection Board	Encroachment Permits	Yes	Encroachment Permit 18095-R1 GM CVFPB was signed on Sept 25, 2009
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	Navigable waterways not affected
Corps	Section 404 Permit	No	No jurisdictional features affected. Pg 3-26 IS/MND
Corps	Wetlands Delineation	No	No jurisdictional features affected. Pg 3-26 IS/MND
Corps	408 approval of project levee alteration	No	Corps did not require Section 408 Approval and approved work proposed in their Aug 7, 2006 Letter to the Reclamation Board. Work approved under Section 208
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	No	No 404 permit triggering 401 compliance.
RWQCB, Region 5	National Pollution Discharge Elimination System (NPDES) Permit per Section 402 of the Clean Water Act	Yes	Notice of Intent (NOI) and Storm water Pollution prevention Plan (SWPPP) was submitted and acceptance letter received Sept 2009
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	Contractor submitted required documentation prior to construction.
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	No	Project design and mitigation measures prevent take of threatened and endangered species.
National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	No	Project will have no affect on fishery resources and habitats.



California Department of Fish and Game (DFG)	California Endangered Species Act Compliance (2081)	No	Project design and mitigation measures prevent take of threatened and endangered species.
DFG	Streambed Alteration Agreement	Yes	TRLIA did obtain Streambed Alteration Agreement 2006-0311-R2 effective Aug 2006 and is valid until Nov. 1, 2011.
California State Lands Commission (SLC)	Encroachment Permit	No	All ground disturbances are above the Yuba River ordinary high water mark and outside SLC jurisdiction.
California Department of Forestry	Conversion of timberland to other uses.	No	No timberland conversion is required for the project.
The Resources Agency	Cancellation of Williamson Act Contract	No	No Williamson Act contract cancellations are required to implement the project.
California Department of Transportation (Caltrans)	Encroachment on or across a State highway	No	Project facilities do not encroach onto a State highway. However, construction equipment will likely use State Route 70 (SR 70).
Native American Heritage Commission (NAHC)	Evaluation of effects on Native American burials or artifacts	No	Coordination with the NAHC has occurred and no known Native American sites or sensitive areas would be affected by the project
State Office of Historic Preservation (SHPO)	Evaluation of effects on historic and cultural resources	No	No known sensitive historic or cultural resources would be affected by the project.
Reclamation District 784 (RD 784)	Encroachment Permit	Yes	RD 784 is one of the project sponsors and coordination with RD 784 regarding levee encroachments is ongoing.
Yuba County	Grading Permit	Yes	Issued Sept 25, 2009
State Mining and Geology Board (SMGB)	SMARA Permit	Yes	Will use current TRLIA SMARA permit (CA Mine #91-58-0026) that was issued Sept 22, 2009 for the Ella and Platter sites
CEQA	IS/EIR	Yes	IS/MND prepared and Record of Decision was filed on July 18, 2006.
NEPA	EA/EIS	No	No 404 permit triggering NEPA compliance
Section 104 Credit	Future federal projects cost sharing	Yes	Section 104 Credit for strengthening this reach of levee was approved by the Corps on July 5, 2005.

**Attachment 2**  
**Tab D: Project Element and Features Permits & Environmental Documents**

Status as of April 27, 2010

**Upper Yuba River Levee: Remaining Work**

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	PROJECTED START and COMPLETION DATES
Central Valley Flood Protection Board	Encroachment Permits	Yes	<ul style="list-style-type: none"> <li>• Encroachment Permit Application Submitted February 3, 2010</li> <li>• Anticipate Permit Issued June 2010</li> </ul>
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	<ul style="list-style-type: none"> <li>• Navigable waterways not affected</li> </ul>
Corps	Section 404 Permit	No	<ul style="list-style-type: none"> <li>• Project is above the OHWM</li> </ul>
Corps	Wetlands Delineation	Yes	<ul style="list-style-type: none"> <li>• Wetland Delineation Report submitted to Corps February 2010</li> </ul>
Corps	408 approval of project levee alteration	Yes	<ul style="list-style-type: none"> <li>• Request to CVFCB to Initiate 408 Environmental Process June 2009</li> <li>• <i>Project 408 Approval, Anticipated Late July/Early August 2010</i></li> </ul>
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	Yes	<ul style="list-style-type: none"> <li>• Application <b>May 2010</b></li> <li>• Permit anticipated <b>June 2010</b></li> </ul>
RWQCB, Region 5	National Pollution Discharge Elimination System (NPDES) Permit per Section 402 of the Clean Water Act	Yes	<ul style="list-style-type: none"> <li>• Application <b>June 2010</b></li> <li>• Permit Anticipated <b>July 2010</b></li> </ul>
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	<ul style="list-style-type: none"> <li>• Carl Moyer Mitigation Letter received December 2009</li> <li>• Submission of BMP's March/April 2010</li> <li>• <b>Authority Anticipated July 2010</b></li> </ul>
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> <li>• Draft Biological Assessment prepared and submitted to the Corps for review and initiation of Consultation April 2010</li> <li>• BO projected <b>June 2010</b></li> </ul>
National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	No	<ul style="list-style-type: none"> <li>• The project will avoid take of listed fish species</li> </ul>

California Department of Fish and Game (DFG)	California Endangered Species Act Compliance (2081)	No	<ul style="list-style-type: none"> <li>Project design and mitigation measures prevent take of threatened and endangered species</li> </ul>
DFG	Streambed Alteration Agreement	No	<ul style="list-style-type: none"> <li>All ground disturbances are above the Yuba River ordinary high water mark and no alterations to the streambed will occur.</li> </ul>
California State Lands Commission (SLC)	Encroachment Permit	No	<ul style="list-style-type: none"> <li>All ground disturbances are above the Yuba River ordinary high water mark and outside SLC jurisdiction.</li> </ul>
California Department of Forestry	Conversion of timberland to other uses.	No	<ul style="list-style-type: none"> <li>No timberland conversion is required for the project.</li> </ul>
The Resources Agency	Cancellation of Williamson Act Contract	No	<ul style="list-style-type: none"> <li>No Williamson Act contract cancellations are required to implement the project.</li> </ul>
California Department of Transportation (Caltrans)	Encroachment on or across a State highway	No	<ul style="list-style-type: none"> <li>Project facilities do not encroach onto a State highway. However, construction equipment will likely use State Route 70 (SR 70).</li> </ul>
Native American Heritage Commission (NAHC)	Evaluation of effects on Native American burials or artifacts	Yes	<ul style="list-style-type: none"> <li>HDR on behalf of TRLIA contacted NAHC on November 25, 2009</li> <li>NAHC responded on December 3, 2009 with negative results for its search of the Sacred Lands File; no further action necessary</li> </ul>
State Office of Historic Preservation (SHPO)	Evaluation of effects on historic and cultural resources	Yes	<ul style="list-style-type: none"> <li>Implementation of the project is not anticipated to result in disturbance of known eligible/significant cultural resources.</li> <li>Under CEQA we do not have to seek concurrence from SHPO</li> <li>(As part of NEPA, the Corps will have to seek concurrence)</li> <li>Corps' Consultation Request Date Projected <b>May 2010</b></li> <li>Projected Completion <b>June 2010</b></li> </ul>
Reclamation District 784 (RD 784)	Encroachment Permit	Yes	<ul style="list-style-type: none"> <li>Encroachment Permit Application anticipated to be signed March/April 2010</li> </ul>
Yuba County	Grading Permit	Yes	<ul style="list-style-type: none"> <li>Application Submission April 2010</li> <li>Permit anticipated <b>July 2010</b></li> </ul>

State Mining and Geology Board (SMGB)	SMARA Permit	No	<ul style="list-style-type: none"> <li>• Current approach is to use on site borrow site (exempt from SMARA) and also make the contractor provide additional soil from commercial site.</li> </ul>
CEQA	IS/MND	Yes	<ul style="list-style-type: none"> <li>• Initiation June 2009</li> <li>• CEQA IS/MND Approved April 20, 2010</li> </ul>
NEPA	EA/FONSI	Yes	<ul style="list-style-type: none"> <li>• First Admin Draft EA submitted to Corps February 2010</li> <li>• Projected completion <b><i>June 2010</i></b></li> </ul>
Section 104 Credit	Future federal projects cost sharing	Yes	<ul style="list-style-type: none"> <li>• Application March/April 2010</li> <li>• Anticipate Approval <b><i>July/August 2010</i></b></li> </ul>

### Attachment 3

#### List of UYLIP Property Owners and Parcels

TRLIA - YUBA RIVER SOUTH LEVEE  
GOLD FIELDS TO SIMPSON LANE

APN	OWNER / Site Address
018-150-008	Western Aggregates, Inc 7083 Brophy Road, Marysville
018-150-035	Michele R, Barker 7102 Brophy Road, Marysville
018-150-032	Shintaffer Farms, Inc. 7231 Dantoni Road, Marysville
018-150-015	Henry P. Smith 7114 Dantoni Road, Marysville
018-140-040	Richard G. Wibur
018-190-104	Michele R, Barker
018-190-001	Henry P. Smith
018-190-107	Sohal Walbinder S/B A W Corportaion
018-190-110	Sohal Walbinder S/B A W Corportaion
018-190-002	Richard G. Wibur
018-200-006	Richard G. Wibur

Prepared by Bender Rosenthal, Inc. 2/16/2010

Page 1

TRLIA - YUBA RIVER SOUTH LEVEE  
GOLD FIELDS TO SIMPSON LANE

APN	OWNER / Site Address
018-200-008	Daniel J. Luis 8519 Griffith Ave., A
018-200-007	Anthony J. & Zelma B. Luis 8519 Griffith Ave.
018-200-005	Anthony J. & Zelma B. Luis 8519 Griffith Ave.
018-200-001	Ajit S. & Maria D. Bains
018-220-030	Ajit S. & Maria D. Bains 6767 Dantoni Road
018-210-035	Anthony J. & Zelma B. Luis 6518 Griffith Ave
018-210-029	Robert Glenn Wood 2363 Hammonton Smartville Rd
018-210-014	Donald Wilkey 6477 Dantoni Road
018-220-049	COF QUAIL HOLLOW LAND 35F, LLC & 148T LLC

TRLIA - YUBA RIVER SOUTH LEVEE  
GOLD FIELDS TO SIMPSON LANE

APN	OWNER / Site Address
018-220-048	COF QUAIL HOLLOW LAND 35F, LLC & 148T LLC
018-220-033	Richard G. Wibur 2251 Simpson Dantoni Rd.
018-220-057	Green Rose Investments
018-220-027	Peach Tree Golf & Country Club 2043 Simpson Dantoni Rd.
018-220-034	Peach Tree Golf & Country Club 2043 Simpson Dantoni Rd.
021-500-001	Orest and Irene Wesley 2019 Hammonton Smartville Rd.
021-042-027	Humam El Sharif
021-042-014	Steve and Denise Gilbert 6287 Dunning Ave.
021-041-012	Steve and Denise Gilbert 6272 Dunning Ave.
021-041-009	Roy E. Lanza 1945 Hammonton Smartville Rd.
021-041-010	Lothar S. & Brigitta M. Klug 1947 Hammonton Smartville Rd.

TRLIA - YUBA RIVER SOUTH LEVEE  
GOLD FIELDS TO SIMPSON LANE

APN	OWNER / Site Address
021-041-007	Bernard J. Perez 1933 Hammonton Smartville Rd.
021-041-006	Clara E. & Ronnie C. Willis 1925 Hammonton Smartville Rd.
020-080-009	Western Aggregates, Inc 1799 Hammonton Smartville Rd.



## **Appendix I**

Appendix I: TRLIA Upper Yuba River Levee Improvement Project Second Quarterly  
Progress Report Budget Information; May 26, 2010



**Capitol | PFG**

*Crafting Optimal Financial Solutions*

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**MEMORANDUM**

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**TO:** PAUL BRUNNER, EXECUTIVE DIRECTOR, THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

**FROM:** SETH WURZEL

**SUBJECT:** TRLIA UPPER YUBA RIVER LEVEE IMPROVEMENT PROJECT, SECOND QUARTERLY PROGRESS REPORT BUDGET INFORMATION

**DATE:** MAY 26, 2010

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This memorandum has been prepared by Capitol Public Finance Group (CPFG) at the request of Three Rivers Levee Improvement Authority (TRLIA) to supplement the Second Quarterly Progress Report (2nd QPR) submitted to the Department of Water Resources (DWR) May 26, 2010 for the Upper Yuba River Levee Improvement Project (Project). As indicated in TRLIA's 2<sup>nd</sup> QPR, the cost and budget information is being provided within this memorandum to DWR as an attachment to the 2<sup>nd</sup> QPR.

This memorandum includes two sets of tables that present the following analyses:

1. **Quarterly Work Plan Reconciliation** — A reconciliation of the Second Quarterly Work Plan forecasted expenditures to the actual expenses incurred for the quarter's work and, the associated funding of the State Share received pursuant to Section 14.C of TRLIA funding agreement with DWR (Funding Agreement).
2. **Cost and Funding Status through the Second Quarter** — A summary of the cumulative costs incurred since November 6, 2006 through March 31, 2010<sup>1</sup> and a comparison of those costs incurred to the current Overall Work Plan Budget (based on the revisions by TRLIA submitted on March 9, 2010<sup>2</sup>) included as Exhibit A to the Funding Agreement.

## 1. Quarterly Work Plan Reconciliation

The following tables provide detailed information regarding the costs incurred for each Element and Feature during the 2<sup>nd</sup> Quarter (January 1, 2010 through March 31, 2010) and compare these amounts to the forecasted expenditures for the Quarter presented within the

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<sup>1</sup> Inclusive of the expenses incurred through March 31, 2009 and paid by TRLIA through the month of April 2010. Reference the May 26, 2010 TRLIA Final Statement of Costs for the 2nd Quarter (subject to review and approval by DWR).

<sup>2</sup> On March 9, 2010 TRLIA submitted a Revised Exhibit A that adjusted the Overall Work Plan Budget as part of the 3<sup>rd</sup> Quarterly Work Plan.

2<sup>nd</sup> Quarterly Work Plan. The tables show the State Share of eligible expenses net of the required 10% withholding of the State Share and compares this amount to the funding received by TRLIA from the State for through the 2<sup>nd</sup> Quarter.

(Note: There have been no Real Estate Capital Expenditures through the 2<sup>nd</sup> Quarter thus far; therefore, no reconciliation for Real Estate Capital expenses is needed at this time. In the next Quarterly Work Plan (4<sup>th</sup> Quarter), TRLIA will be providing modifications to the Overall Work Plan Budget Feature and Element Structure to better separate Real Estate expenses from construction expenses.)

The following presents a summary of the conclusions drawn from the tables:

**2nd Quarter Reconciliation Summary (Elements 1 through 4 and 6)**

Total	State	Share
Total Expenses Incurred During 2nd Quarter [1]	\$1,571,410	\$1,053,153
10% Required Retention		-\$105,315
State Share Net of Retention		\$947,837
Local Share to be Paid from Credit		\$518,257
Less Funding Received for Local Share (see below) [2]		\$124,353
Net remaining Local Share to be Paid from Credit		\$393,904
True-Up Funding Due from Prior Quarter (see below)		\$70,578
Total funding to be Received for Quarter		\$1,412,319

[1] Estimated amount, subject to review and approval by DWR.

[2] Reflects excess Local Credit provided from 1<sup>st</sup> Quarter Advance. Note: This excess funding is as a direct result of a change in how the cost share would work for Element 2. Elements eligible for 70% cost share are now calculated for funding at the full 70% as opposed to an initial 50% shifting to 70% at a later date.

**Prior Funding Reconciliation**

Total Expenses Incurred from October 20 to December 31, 2010	<b>\$866,858</b>
State Share of 1st Quarter Expenses	\$580,440
Retention on State Share (10%)	-\$58,044
State Share Net of Retention	<b>\$522,396</b>
State Advance Funding Received for 1st Quarter	\$451,818
State Share True-Up (Additional Funding Due)	<b>\$70,578</b>
Local Share of Expenses	\$286,419
Local Credit Received	410,772
Local Share True-Up (Excess Funding Received)	<b>-\$124,353</b>

This information concludes that, for the Seconds Quarter, the State has under-funded its share of the expenses net of the 10% hold-back provision in the Funding Agreement. The total funding due for the Seconds Quarter (State Share and Local Share) in aggregate is \$1,412,319. The State notified TRLIA on May 13, 2010 that it would be funding 1<sup>st</sup> Quarter True-Up Payments, 2<sup>nd</sup> Quarter Advances as well as a 3<sup>rd</sup> Quarter Advance. Once those payments are processed, funding for the 2<sup>nd</sup> Quarter will be substantially complete subject to any final review of actual expenses for the 2<sup>nd</sup> Quarter.

# Summary of TRLIA Quarterly Progress Report Budget Reconciliation Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

## SUMMARY ALL ELEMENTS

Elements and Features	Total 2nd QWP Quarter Work Plan	Total Expenses for 2nd QWP Quarter	State Share			Local Share		
			To be Funded Net of 10% Holdback	State Funding Rec'd for 2nd Quarter	State Funding Remaining to be Received for Quarter	Local Share of Actual Costs for Quarter	Local Funding Rec'd from Credit	Remaining Local Share Funded by TRLIA
<i>Formula</i>	[1]	[2]	a	b	c = a - b	d	e	f = d - e
<b>Eligible Elements</b>								
Element 1: Flatten Waterside Levee Slope	\$373,642	\$64,871	\$40,869	\$0	\$40,869	\$19,461	\$0	\$19,461
Element 2: Pre-CEQA Determination Support	\$534,066	\$748,788	\$429,586	\$0	\$429,586	\$271,471	\$0	\$271,471
Element 3: Levee Improvements Support Work	\$522,989	\$619,900	\$390,537	\$0	\$390,537	\$185,970	\$0	\$185,970
Element 4: Levee Improvements Construction	\$0	\$17,678	\$11,137	\$0	\$11,137	\$5,303	\$0	\$5,303
Element 6: Admin & Overhead	\$105,488	\$120,173	\$75,709	\$0	\$75,709	\$36,052	\$0	\$36,052
<b>Subtotal Above Elements</b>	<b>\$1,536,185</b>	<b>\$1,571,410</b>	<b>\$947,837</b>	<b>\$0</b>	<b>\$947,837</b>	<b>\$518,257</b>	<b>\$0</b>	<b>\$518,257</b>
Difference Between QWP & Actuals		<b><u>-\$35,225</u></b>						

**Element 5 Credit [Includes only Expenses Incurred Prior to October 20, 2009 not Shown Here]**

"Yub2QPRSumm"

[1] As reflected in the 1st QWP dated November 18, 2009.

[2] Reflects costs from October 20, 2009 to December 31, 2009

# TRLIA Quarterly Progress Report Budget Reconciliation Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

## ELEMENT 1

Elements and Features	State Share %	2nd QWP Forecast [1]	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>						
1.1: Design	70.0000%	\$0	\$1,309	\$916	\$393	\$825
1.2: Permitting	70.0000%	\$0	\$0	\$0	\$0	\$0
1.3: Right of Way	70.0000%	\$0	\$0	\$0	\$0	\$0
1.4: Construction Management	70.0000%	\$10,000	\$63,562	\$44,494	\$19,069	\$40,044
1.5: Construction [1]	70.0000%	\$0	\$0	\$0	\$0	\$0
1.6: O&M Manual addendum	70.0000%	\$10,000	\$0	\$0	\$0	\$0
<b>Subtotal Element 1</b>		<b>\$20,000</b>	<b>\$64,871</b>	<b>\$45,410</b>	<b>\$19,461</b>	<b>\$40,869</b>
<b>Difference Between QWP &amp; Actuals</b>			<b>-\$44,871</b>			

"Yub2QPRElem1"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010

# TRLIA Quarterly Progress Report Budget Reconciliation

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 2

Elements and Features	State Share %	2nd QWP Forecast	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 2: Levee Improvements (Slurry Wall &amp; Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts</b>						
2.1: Alternatives Analysis	50.0000%	\$0	\$44,339	\$22,169	\$22,169	\$19,952
2.2: CEQA / NEPA	50.0000%	\$40,000	\$189,833	\$94,917	\$94,917	\$85,425
2.3: Preliminary Design	70.0000%	\$0	\$287,840	\$201,488	\$86,352	\$181,340
2.4: Permitting Preparation	70.0000%	\$7,800	\$8,842	\$6,189	\$2,653	\$5,570
2.5: Right of Way	70.0000%	\$30,000	\$217,933	\$152,553	\$65,380	\$137,298
<b>Subtotal Element 2</b>		<b>\$77,800</b>	<b>\$748,788</b>	<b>\$477,317</b>	<b>\$271,471</b>	<b>\$429,586</b>
<b>Difference Between QWP &amp; Actuals</b>			<b>-\$670,988</b>			

"Yub2QPRElem2"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010

# TRLIA Quarterly Progress Report Budget Reconciliation

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 3

Elements and Features	State Share %	2nd QWP Forecast [1]	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>						
3.1: Final Design	70.0000%	\$900,000	\$617,126	\$431,988	\$185,138	\$388,789
3.2: Permitting	70.0000%	\$240,000	\$2,400	\$1,680	\$720	\$1,512
3.3: Right of Way	70.0000%	\$291,000	\$0	\$0	\$0	\$0
3.4: Construction Management	70.0000%	\$0	\$0	\$0	\$0	\$0
3.5: Environmental Mitigation	70.0000%	\$0	\$0	\$0	\$0	\$0
3.6: O&M Manual addendum	70.0000%	\$0	\$374	\$262	\$112	\$236
<b>Subtotal Element 3</b>		<b>\$1,431,000</b>	<b>\$619,900</b>	<b>\$433,930</b>	<b>\$185,970</b>	<b>\$390,537</b>
			<b>Difference Between QWP &amp; Actuals</b>	<b>\$811,100</b>		

"Yub2QPRElem3"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010



# TRLIA Quarterly Progress Report Budget Reconciliation

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 4

Elements and Features	State Share %	2nd QWP Forecast [1]	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59</b>						
4.1 - Construction	70.0000%	\$0	\$17,678	\$12,375	\$5,303	\$11,137
<b>Subtotal Element 4</b>		<b>\$0</b>	<b>\$17,678</b>	<b>\$12,375</b>	<b>\$5,303</b>	<b>\$11,137</b>
<b>Difference Between QWP &amp; Actuals</b>			<b>-\$17,678</b>			

"Yub2QPRElem4"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010

# TRLIA Quarterly Progress Report Budget Reconciliation Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

## ELEMENT 5

Elements and Features	State Share %	2nd QWP Forecast [1]	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 5: Prior Completed Work</b>						
5.1 - Prior Completed Work	70.0000%	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Element 5</b>		<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Difference Between QWP &amp; Actuals</b>			<b>\$0</b>			

"Yub2QPRElem5"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010

# TRLIA Quarterly Progress Report Budget Reconciliation Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

## ELEMENT 6

Elements and Features	State Share %	2nd QWP Forecast [1]	2nd Quarter Expenses [2]			State Share
			Total	State Share	Local Share	To be Funded Net of 10% Holdback
<i>Formula</i>	a	b	c	d=c*a	e=c-d	f = d*90%
<b>Element 6: Project Management, legal support, community relations support, land management support, and overhead</b>						
6.1 - TRLIA Salaries/Benefits	70.0000%	\$33,050	\$43,972	\$30,781	\$13,192	\$27,703
6.2 - TRLIA Consultant Exp.	70.0000%	\$41,312	\$50,333	\$35,233	\$15,100	\$31,710
6.3 - TRLIA Legal Support	70.0000%	\$37,181	\$15,797	\$11,058	\$4,739	\$9,952
6.4 - TRLIA Travel Expenses	70.0000%	\$826	\$0	\$0	\$0	\$0
6.5 - TRLIA General Expenses	70.0000%	\$12,394	\$8,495	\$5,946	\$2,548	\$5,352
6.6 - TRLIA Insurance	70.0000%	\$0	\$0	\$0	\$0	\$0
6.7 - TRLIA Travel - Vehicle Lease	70.0000%	\$1,239	\$1,576	\$1,103	\$473	\$993
6.8 - TRLIA Memberships	70.0000%	\$0	\$0	\$0	\$0	\$0
<b>Subtotal Element 6</b>		<b>\$126,002</b>	<b>\$120,173</b>	<b>\$84,121</b>	<b>\$36,052</b>	<b>\$75,709</b>
<b>Difference Between QWP &amp; Actuals</b>			<b>\$5,829</b>			

"Yub2QPRElem6"

[1] As reflected in the 2nd QWP dated January 14, 2010.

[2] Reflects costs from January 1, 2010 to March 31, 2010

## 2. Cost and Funding Status through the 2nd Quarter

The following set of tables present the status of the project on cumulative expenditure basis as it relates to the current Overall Work Plan Budget (based on the revisions made by TRLIA submitted with the 3rd QWP on March 9, 2010).

In summary, through March 31, 2010, TRLIA has incurred expenses for the project which represent approximately 19.4% of the total amended budget for Elements 1 through 6. When excluding Element 5 (which represents only prior completed work eligible for Credit), only 5.5% of the total budget for remaining work has been expended. TRLIA has received a total of \$862,590 million of State Funding, approximately 1.8% of its share of current total State Budget of \$47.429 million.

No individual feature budgets within elements have exceeded the revised total Overall Work Plan Budgets by greater than 5%. Only Element 5 has exceeded the original forecasted budget for Credit, however, the State is aware of this fact and additional creditable expenses are currently being reviewed.

# Summary of TRLIA Progress Report Overall Funding Status Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

## SUMMARY ALL ELEMENTS

Elements and Features	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
	Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c = a - b	d	e	f = d - e	g = a - d	h = b - e	i = c - f	j = d/a
<b>Quarterly Progress Report Reconciliation</b>										
Element 1: Flatten Waterside Levee Slope	\$1,473,678	\$1,031,575	\$442,103	\$390,825	\$273,577	\$117,247	\$1,082,853	\$757,997	\$324,856	26.5%
Element 2: Pre-CEQA Determination Support	\$3,339,468	\$2,218,645	\$1,120,823	\$2,005,532	\$1,283,882	\$721,650	\$1,333,936	\$934,763	\$399,173	60.1%
Element 3: Support Work	\$9,692,765	\$6,794,936	\$2,897,830	\$718,692	\$503,084	\$215,608	\$8,974,073	\$6,291,851	\$2,682,222	7.4%
Element 4: Construction	\$41,175,975	\$28,887,183	\$12,288,793	\$17,678	\$12,375	\$5,303	\$41,158,297	\$28,874,808	\$12,283,489	0.0%
Element 5: Prior Completed Work	\$7,682,162	\$5,377,514	\$2,304,649	\$9,823,496	\$6,876,447	\$2,947,049	-\$2,141,334	-\$1,498,934	-\$642,400	127.9%
Element 6: Admin & Overhead	\$4,456,913	\$3,119,839	\$1,337,074	\$169,635	\$118,745	\$50,891	\$4,287,278	\$3,001,094	\$1,286,183	3.8%
<b>Subtotal</b>	<b>\$67,820,962</b>	<b>\$47,429,691</b>	<b>\$20,391,271</b>	<b>\$13,125,859</b>	<b>\$9,068,111</b>	<b>\$4,057,748</b>	<b>\$54,695,103</b>	<b>\$38,361,580</b>	<b>\$16,333,523</b>	<b>19.4%</b>
<b>Subtotal Excluding Element 5</b>	<b>\$60,138,800</b>	<b>\$42,052,177</b>	<b>\$18,086,623</b>	<b>\$3,302,363</b>	<b>\$2,191,664</b>	<b>\$1,110,699</b>	<b>\$56,836,437</b>	<b>\$39,860,514</b>	<b>\$16,975,923</b>	<b>5.5%</b>
State Funding Received Through 1st Quarter										
State Share of Real Estate Advances	\$0									
Construction Funding	\$451,818									
Credit Funding Received	\$410,772									
Total Funding Received	\$862,590									
Percentage of State Budget Funded		1.8% (Through December 2009)								

"Yub2QPRTotSumm"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.

# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 1

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>											
1.1: Design	70.0000%	\$204,279	\$142,995	\$61,284	\$191,649	\$134,154	\$57,495	\$12,630	\$8,841	\$3,789	93.8%
1.2: Permitting	70.0000%	\$167,134	\$116,994	\$50,140	\$869	\$608	\$261	\$166,265	\$116,386	\$49,880	0.5%
1.3: Right of Way	70.0000%	\$22,285	\$15,599	\$6,685	\$13,530	\$9,471	\$4,059	\$8,755	\$6,128	\$2,626	60.7%
1.4: Construction Management	70.0000%	\$96,492	\$67,545	\$28,948	\$76,212	\$53,349	\$22,864	\$20,280	\$14,196	\$6,084	79.0%
1.5: Construction [1]	70.0000%	\$899,922	\$629,945	\$269,977	\$108,565	\$75,995	\$32,569	\$791,357	\$553,950	\$237,407	12.1%
1.6: O&M Manual addendum	70.0000%	\$83,567	\$58,497	\$25,070	\$0	\$0	\$0	\$83,567	\$58,497	\$25,070	0.0%
<b>Subtotal Element 1</b>		<b>\$1,473,678</b>	<b>\$1,031,575</b>	<b>\$442,103</b>	<b>\$390,825</b>	<b>\$273,577</b>	<b>\$117,247</b>	<b>\$1,082,853</b>	<b>\$757,997</b>	<b>\$324,856</b>	<b>26.5%</b>

"Yub2QPRTotElem1"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.

# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 2

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>Waterside Slope</b>											
<b>Erosion Protection) Pre-CEQA Determination</b>											
2.1: Alternatives Analysis	50.0000%	\$374,771	\$187,385	\$187,385	\$319,448	\$159,724	\$159,724	\$55,323	\$27,661	\$27,661	85.2%
2.2: CEQA / NEPA	50.0000%	\$220,142	\$110,071	\$110,071	\$280,504	\$140,252	\$140,252	-\$60,362	-\$30,181	-\$30,181	127.4%
2.3: Preliminary Design	70.0000%	\$1,068,778	\$748,145	\$320,633	\$1,041,871	\$729,310	\$312,561	\$26,907	\$18,835	\$8,072	97.5%
2.4: Permitting Preparation	70.0000%	\$300,344	\$210,241	\$90,103	\$33,885	\$23,720	\$10,166	\$266,459	\$186,521	\$79,938	11.3%
2.5: Right of Way	70.0000%	\$1,375,433	\$962,803	\$412,630	\$329,824	\$230,877	\$98,947	\$1,045,609	\$731,926	\$313,683	24.0%
<b>Subtotal Element 2</b>		<b>\$3,339,468</b>	<b>\$2,218,645</b>	<b>\$1,120,823</b>	<b>\$2,005,532</b>	<b>\$1,283,882</b>	<b>\$721,650</b>	<b>\$1,333,936</b>	<b>\$934,763</b>	<b>\$399,173</b>	<b>60.1%</b>

"Yub2QPRTotElem2"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.

# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 3

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>Element 3: Levee Improvements (Slurry Wall and Waterside</b>											
3.1: Final Design	70.0000%	\$2,029,307	\$1,430,515	\$598,792	\$715,918	\$501,143	\$214,775	\$1,313,389	\$929,372	\$384,017	35.3%
3.2: Permitting	70.0000%	\$702,461	\$491,723	\$210,738	\$2,400	\$1,680	\$720	\$700,061	\$490,043	\$210,018	0.3%
3.3: Right of Way	70.0000%	\$1,345,509	\$941,856	\$403,653	\$0	\$0	\$0	\$1,345,509	\$941,856	\$403,653	0.0%
3.4: Construction Management	70.0000%	\$4,478,975	\$3,135,282	\$1,343,692	\$0	\$0	\$0	\$4,478,975	\$3,135,282	\$1,343,692	0.0%
3.5: Environmental Mitigation	70.0000%	\$947,094	\$662,966	\$284,128	\$0	\$0	\$0	\$947,094	\$662,966	\$284,128	0.0%
3.6: O&M Manual addendum	70.0000%	\$189,419	\$132,593	\$56,826	\$374	\$262	\$112	\$189,045	\$132,331	\$56,713	0.2%
<b>Subtotal Element 3</b>		<b>\$9,692,765</b>	<b>\$6,794,936</b>	<b>\$2,897,830</b>	<b>\$718,692</b>	<b>\$503,084</b>	<b>\$215,608</b>	<b>\$8,974,073</b>	<b>\$6,291,851</b>	<b>\$2,682,222</b>	<b>7.4%</b>

"Yub2QPRTotElem3"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.



# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 4

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to</b>											
4.1 - Construction	70.0000%	\$41,175,975	\$28,887,183	\$12,288,793	\$17,678	\$12,375	\$5,303	\$41,158,297	\$28,874,808	\$12,283,489	0.0%
<b>Subtotal Element 4</b>		<b>\$41,175,975</b>	<b>\$28,887,183</b>	<b>\$12,288,793</b>	<b>\$17,678</b>	<b>\$12,375</b>	<b>\$5,303</b>	<b>\$41,158,297</b>	<b>\$28,874,808</b>	<b>\$12,283,489</b>	<b>0.0%</b>

"Yub2QPRTotElem4"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.

# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 5

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>Element 5: Prior Completed Work</b>											
5.1 - Prior Completed Work	70.0000%	\$7,682,162	\$5,377,514	\$2,304,649	\$9,823,496	\$6,876,447	\$2,947,049	-\$2,141,334	-\$1,498,934	-\$642,400	127.9%
<b>Subtotal Element 6</b>		<b>\$7,682,162</b>	<b>\$5,377,514</b>	<b>\$2,304,649</b>	<b>\$9,823,496</b>	<b>\$6,876,447</b>	<b>\$2,947,049</b>	<b>-\$2,141,334</b>	<b>-\$1,498,934</b>	<b>-\$642,400</b>	<b>127.9%</b>

"Yub2QPRTotElem5"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.

# TRLIA Progress Report Overall Funding Status

## Upper Yuba

For Period January/February/March 2010 (2nd Qtr)

### ELEMENT 6

Elements and Features	State Share %	Overall Budget [1]			Actual Expenses to Date [2]			Remaining Budget			Percentage of Total Budget Expended
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share	
<i>Formula</i>	a	b	c	d = b-c	e	f = e*a	g = e-f	h=b-e	i=c-f	j=d-g	k = e/b
<b>support, community relations support, land management support,</b>											
6.1 - TRLIA Salaries/Benefits	70.0000%	\$1,270,714	\$889,500	\$381,214	\$65,135	\$45,595	\$19,541	\$1,205,579	\$843,905	\$361,674	5.1%
6.2 - TRLIA Consultant Exp.	70.0000%	\$1,260,377	\$882,264	\$378,113	\$51,827	\$36,279	\$15,548	\$1,208,549	\$845,984	\$362,565	4.1%
6.3 - TRLIA Legal Support	70.0000%	\$1,044,235	\$730,964	\$313,270	\$37,848	\$26,493	\$11,354	\$1,006,387	\$704,471	\$301,916	3.6%
6.4 - TRLIA Travel Expenses	70.0000%	\$9,992	\$6,995	\$2,998	\$0	\$0	\$0	\$9,992	\$6,995	\$2,998	0.0%
6.5 - TRLIA General Expenses	70.0000%	\$356,643	\$249,650	\$106,993	\$12,927	\$9,049	\$3,878	\$343,716	\$240,601	\$103,115	3.6%
6.6 - TRLIA Insurance	70.0000%	\$469,119	\$328,383	\$140,736	\$0	\$0	\$0	\$469,119	\$328,383	\$140,736	0.0%
6.7 - TRLIA Travel - Vehicle Lease	70.0000%	\$26,714	\$18,700	\$8,014	\$1,898	\$1,329	\$569	\$24,816	\$17,371	\$7,445	7.1%
6.8 - TRLIA Memberships	70.0000%	\$19,119	\$13,383	\$5,736	\$0	\$0	\$0	\$19,119	\$13,383	\$5,736	0.0%
<b>Subtotal Element 6</b>		<b>\$4,456,913</b>	<b>\$3,119,839</b>	<b>\$1,337,074</b>	<b>\$169,635</b>	<b>\$118,745</b>	<b>\$50,891</b>	<b>\$4,287,278</b>	<b>\$3,001,094</b>	<b>\$1,286,183</b>	<b>3.8%</b>

"Yub2QPRTotElem6"

[1] As reflected in the 3rd QWP dated March 9, 2010.

[2] Includes expenses incurred January 1, 2010 through March 31, 2010.