



TRLIA
4th QUARTERLY WORK PLAN
FOR
UPPER YUBA RIVER LEVEE
IMPROVEMENT PROJECT

1. **4th Quarterly Work plan for quarter: July, August, & September 2010**
2. **Date of Report: May 28, 2010**
3. **4th Quarter Work Plan:**

Quarterly Work Plan Summary				
Description	State Share	Local Share	Total	Local Credit Applied
Element 7 - Land Acquisition	\$538,895	\$230,955	\$769,850	\$230,955
Elements 1 through 6	\$7,265,984	\$3,136,850	\$10,402,835	\$3,136,850
Total	\$7,804,879	\$3,367,805	\$11,172,685	\$3,367,805

Quarterly Summary for Real Estate Activity	
State Share Element 7	\$538,895
Local Credit Applied Elements 1	\$230,955
Estimated Total Quarterly State Real Estate Funding	\$769,850

Quarterly State Share Advance Summary for Non-Real Estate Activity	
75% of State Share Elements 1 through 6	\$5,449,488
plus/minus State Share true-up for Prior Quarters [1]	\$1,749,104
Total Advance for State Share at Start of 4th Quarter	\$7,198,592

[1] See Reconciliation of Prior State Funding. Additional 4th Quarter funding is subject to True-up for the 3rd Quarter.

Quarterly Local Credit Summary for Non-Real Estate Activity	
Local Credit Elements 1 through 6	\$3,136,850
plus/minus Local Credit true-up for Prior Quarters [1]	\$585,723
Total Advance for State Share at Start of 4th Quarter	\$3,722,573

[1] See Reconciliation of Prior State Funding. Additional 4th Quarter funding is subject to True-up for the 3rd Quarter.

Reconciliation of Prior State Funding for Construction

As of 3rd Quarter - State Share

Total Non-Real Estate Expenses (Elements 1 - 6) Through 2nd Quarter [1]	\$4,164,580
3rd Quarter Total QWP Expenses	\$4,894,160
State Share True-Up Calculations	
Total State Share of Expenses to Date	\$2,768,855
3rd Quarter State Share Advance Request	\$2,561,934
Total State Funding Due (net of 10% Retention on Prior Expenses)	\$5,053,903
Funding To Date (Including Payments in Process)	
Total State Advance/True-Up Funding Received to Date for Construction	\$451,818
Total Additional State Advance Funding in Process (1st Quarter)	\$70,578
Total Additional State Advance Funding in Process (2nd Quarter)	\$801,157
Total Additional State Advance Funding in Process (3rd Quarter)	\$1,981,246
Total State Share Funding Received and in Process	\$3,304,799
State Share Construction Funding Due as of 3rd Quarter	\$1,749,104

As of 3rd Quarter - Local Share

Local Share True-Up Calculations	
Local Share of Non RE Expenses to Date	\$1,395,726
3rd Quarter Local Share Advance Request	\$1,478,248
Total Local Funding Credit Due	\$2,873,974
Funding To Date (Including Payments in Process)	
Total Local Credit Advance/True-Up Funding Received to Date	\$410,772
Total Additional State Advance Funding in Process (1st Quarter)	\$0
Total Additional State Advance Funding in Process (2nd Quarter)	\$343,623
Total Additional State Advance Funding in Process (3rd Quarter)	\$1,533,856
Total State Share Funding Received and in Process	\$2,288,251
State Share Construction Funding Due as of 3rd Quarter	\$585,723
Total Additional Funding Due as of 3rd	\$2,334,827

[1] 2nd Quarter Statement of Costs Subject to review by DWR.

4. Project Element Information:

At the request of DWR, restructuring of Project Elements and Features has taken place as part of this Quarterly Work Plan (QWP). The following changes were made and a revised Overall Work Plan Budget is submitted with this QWP that reflects the following changes.

- A new Element 7: Right of Way Capital has been added. This was previously Element 3: Feature 3.3. The purpose of this change was separate Right of Way acquisition costs into a separate and distinct Element.
- Features 2.3, 2.4 and 2.5 (Preliminary Design, Preliminary Permitting and Preliminary Right of Way Support) have been moved to Element 3. The purpose of this change was remove all features that were able to be funded at the full 70% cost share from Element 2 so that as a whole, all costs in Element 2 are funded at 50% and all costs in Element 3 are funded at 70% by the State.

All subsequent discussion in this QWP is reflective of these modifications.

- **Engineering and construction matters:**

- **Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50**

- Feature 1 Design: The HDR design is complete. The design was reviewed and approved by the Corps, DWR and CVFPB.
- Feature 2 Permitting:
 - All permits were obtained. See Attachment 1 for permit list.
 - As part of the work that was accomplished in the 3rd Quarter, TRLIA was 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. TRLIA Consultants may be responding to FEMA Levee System Certification comments during this Quarter, as such minimal funds have been specifically forecasted for this effort in the 4th Quarter.
- Feature 3 Right of Way: All actions have been completed
- Feature 4 Construction Management:

- 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 in the 2nd 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.
- **Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**
- Feature 1 Alternatives Analysis: Completed in the 2nd Quarter
 - Feature 2 CEQA/NEPA: The CEQA documentation was completed (IS/MND) on April 20, 2010. Work will continue on the NEPA documentation during this Quarter.
 - Separated CEQA and NEPA documents – key reason was to allow real estate actions to proceed (obtainment of expanded levee O&M access corridor (10ft to 50ft))
 - NEPA – Corps of Engineers is the lead Agency and is still evaluating the project to determine if an EA with mitigated FONSI is appropriate.
 - ✓ The Corps of Engineers has selected HDR to be the consultant preparing the NEPA documentation
 - ✓ 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

- **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work**
- Feature 2.3 Preliminary Design: Completed in the 2nd Quarter
 - Feature 2.4 Permit Preparation: No work is anticipated this Quarter for this Feature. The CEQA documentation was completed (IS/MND) on April 20, 2010. .
 - Feature 2.5 Right of Way: TRLIA real estate and legal consultants will be very active this quarter obtaining right of way needs for the project. Over 30 parcels are impacted. Note - Right of Way support expenses are captured under this Element & Feature.
 - Feature 1 Design: Anticipate the 100% design to be completed during this Quarter (Early July 2010) with all DWR, CVFPB, Corps of Engineers, and Senior Board of Consultants comments incorporated.
 - Anticipate plans and specifications to go out for bid in mid June 2010
 - Anticipate Project Award late July/early August 2010
 - Feature 2 Permitting: Work on Federal, State, and local permits are anticipated this quarter. See Attachment 2 for list of permits. Key items are listed below.
 - As part of the work that was accomplished in the 3rd Quarter, TRLIA was 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 spring 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 worst case 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 FEMA certification.
 - Receive Corp of Engineers 408 Authorization and 104 Credit approvals in late July or early August 2010.

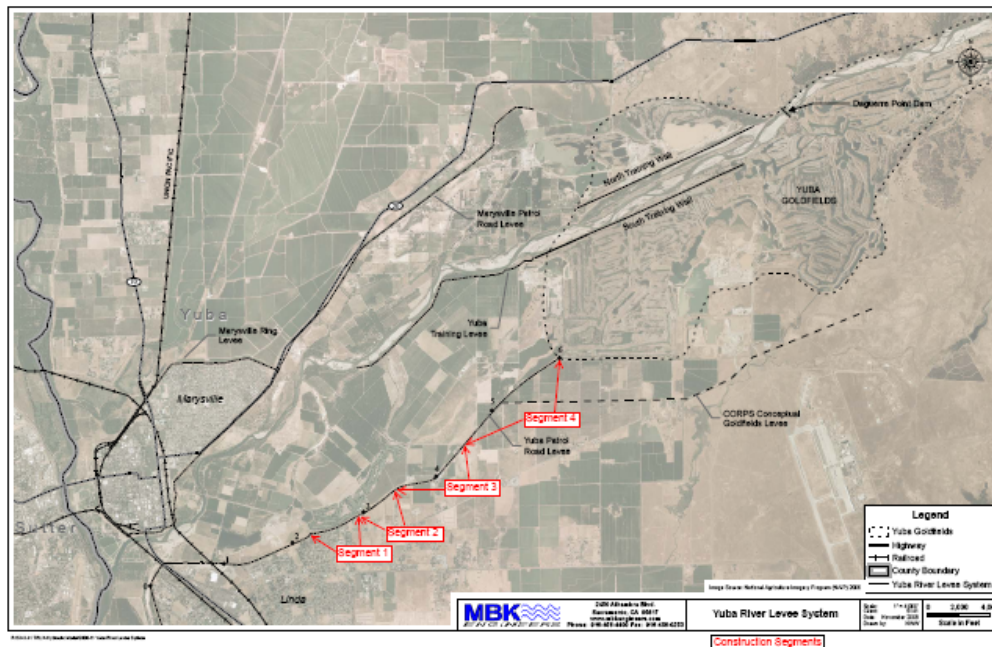
- ✓ Part of the 408 Authorization will be a F&WS biological opinion that outlines the Elderberry mitigation requirements
- ✓ It is anticipated that the F&WS B.O. will be based on their programmatic permit.
- CVFPB and DWR approval to use the Anderson Elderberry Site is anticipated early this Quarter.
- CVFPB issue Encroachment permit at their June 2010 meeting conditioned on 408 authorization and 104 credit approval
- Feature 4 Construction Management: It is anticipated that this feature will be very active this Quarter.
- Feature 5 Environmental Mitigation: Environmental Mitigation work is anticipated to begin this Quarter to coincide with construction work.
 - Elderberries are anticipated to be relocated during this Quarter. CVFPB and DWR approval to use the Anderson Elderberry Site is anticipated early this Quarter.
 - During this Quarter TRLIA will continue working 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.
- Feature 6 O&M Manual Addendum: No work is scheduled for this quarter.
- **Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction – Sta 102+50 to 303+59**
 - ✓ Feature 1 Construction: It is anticipated that construction will begin in early August 2010
 - Anticipate plans and specifications to go out for bid in mid June 2010
 - Completion of levee construction in 2010 is dependent upon when the 408 Authorization, 104 Credit Approval, and CVFPB encroachment permit approval are obtained. Also, any levee work being done on land that requires eminent domain action will require that portion of levee work to be completed in 2011.

- Anticipate award of the construction contract in late July/early August with Notice to Proceed conditioned upon 408 Authorization, 104 Credit Approval, and CVFPB encroachment permit approval.
 - ✓ With a construction award in early August the levee improvements could be completed this year via double shifts
 - ✓ A construction award around mid to late August (or later) will cause the levee improvements to extend into 2011. An extension into 2011 will cause additional cost due to contractor standing down work and then restarting in the spring.
- To help define work that is under construction the levee construction has been broken into 4 segments. The Segments are described and shown below:

✓ **Construction Segments**

Segment 1	Station 104+00 to 136+50	Levee Geometry Correction and No Work Sections
Segment 2	Station 136+50 to 163+50	Slurry Wall to Dantoni Road
Segment 3	Station 163+50 to 220+00	Slurry Wall Dantoni to Past Dan Luis Parcel
Segment 4	Station 220+00 to 303+59	Slurry Wall, Seepage Berm, & Erosion Protection Dan Luis Parcel to End of Project

✓ **Map**



➤ **Element 5: Prior Completed Work**

- Feature 1 Prior Completed Work: TRLIA & DWR will continue to review the submitted invoices for the completed work so that DWR can approve the credit which will be used for local share.

➤ **Element 6: Project Management, legal support, community relations support, land management support, and overhead**

- ✓ Activity is anticipated in all Features during this quarter

➤ **Element 7: Right of Way Capital**

- Feature 7-3.3 Right of Way: TRLIA real estate and legal consultants will be very active this quarter obtaining right of way needs for the project. Over 30 parcels are impacted. The parcels are mostly agriculture in nature. There is an active dairy adjacent to the levee. Note - Right of Way support expenses will be under Element 3 Feature 2.5.
 - TRLIA submitted the TRLIA Real Estate Plan for the improved levee during the 3rd Quarter and that DWR will approve it early this Quarter (4th).
 - During this quarter TRLIA will be submitting all the appraisals for review and approval from DWR
 - During this quarter, TRLIA will be submitting all Phase 1 site assessments for review and approval from DWR
 - During this quarter, TRLIA will be submitting all cadastral mapping for review and approval
 - During this quarter, TRLIA will be submitting real estate invoices for payment for roughly \$2.5 million.
 - During this quarter TRLIA Real Estate and Legal staff will continue to meet with property owners and continue discussions on property acquisition for the levee access O&M corridor and borrow site.
 - Once the TRLIA Real Estate Plan is approved by DWR it is anticipated that TRLIA will finalize landowner negotiations and acquire temporary access and construction easements, land for the borrow site, and land for a 50 ft landside levee toe access corridor along the improved levee. Deviations from the 50 ft requirement due

to physical obstructions or property owner specific needs (such as at the dairy) can occur but need to be approved by CVFPB and DWR.

- ✓ It is anticipated that the timing of right of way acquisitions will impact the construction of the levee this summer, so it is important to identify and resolve any unresolved issues early in the 4th Quarter.
- ✓ Any land acquisition requiring eminent domain action will cause the work on that portion of the levee to extend into 2011.
- ✓ Any TRLIA real property acquisitions prior to the DWR approval of the Real Estate plan is at TRLIA risk of not being cost shared.

- **Environmental matters:**

- **Project Element 2 & 3:**

- CEQA document (IS/MND) completed on April 20, 2010
- Anticipate NEPA documents to be completed early in the 4th 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 this Quarter 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:**

- **Element 1:** All Permits and approvals have been acquired – see Attachment 1
- **Element 2 & 3:** 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
- **Major accomplishments planned for the quarter (i.e. tasks to be completed, milestones to be met, meetings to be held or attended, etc.);**
 - Completion of the NEPA Documents for Project Element 2
 - Receive 408 Authorization and 104 Credit approval from the Corps of Engineers for Project Element 3
 - Receive CVFPB encroachment permit for Project Element 3
 - Award Project Element 3 Construction contract
- **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 process has been very time consuming and is 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** – 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 overflow 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 is for a solution that keeps 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 with stand 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 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 useable 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, local, state and federal agencies) to understand and participate in the steps needed to control high water events within 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
- **Any litigation, proceedings or claims relating to the Project:** None

5. Cost Information by Project Element:

With this Quarterly Work Plan, TRLIA has updated the structure of the Overall Work Plan Budget Features and Elements based upon a request to do so by DWR. The information presented within this section is reflective of these changes.

- **Projected costs compared to Overall Work Plan Budget**
 - **Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50**

No additional construction costs are forecasted to be incurred during the 4th quarter. Construction was completed in November, 2009. Some minor permitting expenses will take place. The total expenses for the 4th quarter are expected to be approximately \$5,000. Upon completion of the 4th Quarter approximately (53%) \$402,000 of the revised \$1.2 Million budget will be expended.
 - **Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**

This element has been revised to only include the preliminary alternatives analysis and CEQA/NEPA document preparation (that work only eligible for 50% cost share by the State). The major costs to be incurred in the 4th quarter are related to the completion of the NEPA document preparation. The budget forecasted to be expended this quarter is \$80,000. The forecasted amount of expenses in conjunction with prior expenses will result in having expended 100% (\$861,000) of the Element's revised budget of \$864,000.

➤ **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection Support)**

This element has been revised to include the preliminary design, permitting preparation and Right of Way Support work that was previously included in Element 2. To reflect the revised numbering of the Features, TRLIA has adopted the following naming convention for the Features that have been shifted to Element 3.

Preliminary Design is Now Element 3 – Feature 2.3 (3-2.3)
Permitting Preparation is Now Element 3 Feature 2.4 (3 - 2.4)
Right of Way Support is Now Element 3 Feature 2.5 (3-2.5)

The major costs to be incurred in the quarter will be related to finalizing the design of the improvements, permitting the improvements, obtaining the necessary Right of Way (affecting the Right of Way Support Budget), commencing construction of the improvements (affecting the Construction Management budget) and completing the Environmental Mitigation requirements associated with Elderberry Bush relocation.

The revised overall budget for Element 3 is \$12.03 million and the amount forecasted to be expended this quarter is approximately \$3.0 million. This amount, in conjunction with estimated prior expenses furthering Element 3 efforts, will result in having expended roughly 57% (\$6.83 million) of the Element's revised budget of \$12.03 million.

Right of Way Support is Now Element 3 Feature 2.5 (3-2.5)

➤ **Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction – Sta 102+50 to 303+59**

Construction is expected to commence in the 4th quarter. The revised budget for this Element is \$39 million. TRLIA expects to expend approximately \$9.9 million furthering the construction efforts. However, adjustments in the QWP forecast have been made based upon prior funding budgeted in the 3rd Quarter (approx. \$2.7 million) that will not be completed since the commencement of construction has been delayed. The adjusted QWP forecast for funding purposes is therefore \$7.2 million (\$9.9 million less \$2.7 million). Upon completion of the work forecasted for the quarter, roughly 25% (\$9.9 million) of the overall budget for this work will have been expended.

➤ **Element 5: Prior Completed Work**

As TRLIA has reviewed prior expenses, additional eligible costs for providing local credit have been found. These expenses (limited to those incurred between November 8, 2006 and August 31, 2009) have been provided to DWR staff for review. No additional expenses for this Element will be submitted. The ultimate budget for this Element will be determined once DWR has completed its review.

➤ **Element 6 - Project Management, Legal, Community Relations support, Land Management, and Overhead:**

TRLIA has estimated the amount of overhead expenses to be incurred in the quarter and allocated the Yuba share of those forecasted expenses to Element

6. TRLIA expects to allocate approximately \$150,000 of Overhead and Admin expenses in the quarter. After the quarter is complete, TRLIA will have expended roughly 13% of the Element 6 budget.

➤ **Element 7 – Right of Way Capital:**

This element has been added at the request of DWR in order to segregate Right of Way Capital expenses from other Elements. This Element was previously part of Element 3. As such it is numbered as Element 7 Feature 3.3 (7 – 3.3).

Right of Way acquisition will continue this Quarter. The budget is approximately \$770,000. After the quarter is complete, TRLIA will have expended roughly 66% of the Element 7 budget.

• **List of changes planned to Overall Work Plan Budget and revised Overall Work Plan Budget (if needed):**

As previously discussed, TRLIA is making several changes to the structure of the Features and Elements this quarter at the request of DWR Staff. The following outlines the changes to the Overall Work Plan Budget Element and Feature Structure.

- Element 2 Features 2.2, 2.4 and 2.5 have been moved to Element 3. This work includes Preliminary Design, Permitting Preparation and Right of Way Support (all items eligible for funding at 70%). This move leaves the Alternatives Analysis and CEQA/NEPA work in Element 2 (items eligible for funding by the State at 50%)
- Element 3 Feature 3 – Right of Way Capital has been moved to a new Element, Element 7. This is the only feature in Element 7.

Also, TRLIA proposes to make several adjustments to the Overall Work Plan Budget (OAWP Budget) to adjust the budgets for elements where actual or forecasted expenses will exceed the feature budgets. Budget has been shifted between elements where savings are expected to features where budgets were to low.

➤ **Element 1: Feature 4: Construction Management**

Construction Management costs for the Waterside Slope Flattening Project as of the 2nd Quarter exceeded the budget of the feature. \$50,000 has been shifted from the Construction Feature to augments this budget. Costs savings on the construction are sufficient to cover this additional budget.

- Revise the Total Budget up by \$50,000 to \$146,492

➤ **Element 1: Feature 5: Water Side Slope Flattening Construction**

Costs savings on the construction are sufficient to cover additional costs. Budget from this feature has been transferred to construction management, alternatives analysis and CEQA/NEPA additional costs.

- Revise the Total Budget down by \$320,000 to \$579,922

➤ **Element 2: Feature 1: Alternatives Analysis**

Additional Alternatives Analysis costs as of the 2nd Quarter have exceeded the original budget. Additional budget will come from remaining budget in Element 1 Feature 5 Construction from cost savings.

- Revise the Total Budget up by \$40,000 to \$414,771

➤ **Element 2: Feature 2: CEQA/NEPA**

Additional CEQA/NEPA will be incurred associated with NEPA approval processing. The additional budget will come from remaining budget in Element 1 Feature 5 Construction from cost savings.

- Revise the Total Budget up by \$230,000 to \$450,142

➤ **Element 3: Feature 1: Preliminary Design**

Additional Preliminary Design costs were incurred as a result of the costs being incurred prior to CEQA/NEPA approval processing. The additional budget will come from projected costs savings in the construction of the Slurry Wall and Waterside Slope Erosion Protection work.

- Revise the Total Budget up by \$260,000 to \$1,328,778

➤ **Element 4: Feature 1: Slurry Wall and Water Side Slope Erosion Protection Construction**

Projected costs savings in construction are expected. A portion of these cost savings will be used to augment the budget of the Preliminary Design.

- Revise the Total Budget down by \$260,000 to \$39,013,206

As a result of transferring costs funded at a higher State cost share to a Features with a lower State cost Share, the State will experience a savings of \$54,000 in the Overall State Budget for the Project.

TRLIA Overall Work Plan Budget
Upper Yuba River Project

Project Elements and Features	Current Budget [1]			Proposed Budget Modification			Revised Overall Budget			
	State Budget (\$) [1]	Local Budget (\$) [2]	Total Budget (\$)	State Budget (\$)	Local Budget (\$)	Total Budget (\$)	State Budget (\$)	Local Budget (\$)	Total Budget (\$)	
Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50										
3120-3500	Feature 1: Design	\$142,995	\$61,284	\$204,279	\$0	\$0	\$0	\$142,995	\$61,284	\$204,279
3120-3501	Feature 2: Permitting	\$116,994	\$50,140	\$167,134	\$0	\$0	\$0	\$116,994	\$50,140	\$167,134
3120-3502	Feature 3: Right of Way	\$15,599	\$6,685	\$22,285	\$0	\$0	\$0	\$15,599	\$6,685	\$22,285
3120-3503	Feature 4: Construction Management	\$67,545	\$28,948	\$96,492	\$35,000	\$15,000	\$50,000	\$102,545	\$43,948	\$146,492
3120-3504	Feature 5: Construction	\$629,945	\$269,977	\$899,922	-\$224,000	-\$96,000	-\$320,000	\$405,945	\$173,977	\$579,922
3120-3505	Feature 6: O&M Manual addendum	\$58,497	\$25,070	\$83,567	\$0	\$0	\$0	\$58,497	\$25,070	\$83,567
Subtotal Element 1		\$1,031,575	\$442,103	\$1,473,678	-\$189,000	-\$81,000	-\$270,000	\$842,575	\$361,103	\$1,203,678
Element 2: Pre-CEQA & CEQA Determination Support Efforts										
3121-3510	Feature 1: Alternatives Analysis [4]	\$187,385	\$187,385	\$374,771	\$20,000	\$20,000	\$40,000	\$207,385	\$207,385	\$414,771
3121-3511	Feature 2: CEQA / NEPA [4]	\$110,071	\$110,071	\$220,142	\$115,000	\$115,000	\$230,000	\$225,071	\$225,071	\$450,142
Subtotal Element 2		\$297,456	\$297,456	\$594,913	\$135,000	\$135,000	\$270,000	\$432,456	\$432,456	\$864,913
Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work										
3121-3512	Feature 1: Preliminary Design	\$748,145	\$320,633	\$1,068,778	\$182,000	\$78,000	\$260,000	\$930,145	\$398,633	\$1,328,778
3121-3513	Feature 2: Permitting Preparation	\$210,241	\$90,103	\$300,344	\$0	\$0	\$0	\$210,241	\$90,103	\$300,344
3121-3514	Feature 3: Right of Way Support	\$1,438,803	\$616,630	\$2,055,433	\$0	\$0	\$0	\$1,438,803	\$616,630	\$2,055,433
3122-3520	Feature 4: Final Design	\$1,430,515	\$598,792	\$2,029,307	\$0	\$0	\$0	\$1,430,515	\$598,792	\$2,029,307
3122-3521	Feature 5: Permitting	\$491,723	\$210,738	\$702,461	\$0	\$0	\$0	\$491,723	\$210,738	\$702,461
3122-3523	Feature 6: Construction Management	\$3,135,282	\$1,343,692	\$4,478,975	\$0	\$0	\$0	\$3,135,282	\$1,343,692	\$4,478,975
3122-3524	Feature 7: Environmental Mitigation	\$662,966	\$284,128	\$947,094	\$0	\$0	\$0	\$662,966	\$284,128	\$947,094
3122-3525	Feature 8: O&M Manual addendum	\$132,593	\$56,826	\$189,419	\$0	\$0	\$0	\$132,593	\$56,826	\$189,419
Subtotal Element 3		\$8,250,268	\$3,521,543	\$11,771,811	\$182,000	\$78,000	\$260,000	\$8,432,268	\$3,599,543	\$12,031,811
Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59										
3123-3530 & 3531	Feature 1 - Construction	\$27,555,244	\$11,717,962	\$39,273,206	-\$182,000	-\$78,000	-\$260,000	\$27,373,244	\$11,639,962	\$39,013,206
Subtotal Element 4		\$27,555,244	\$11,717,962	\$39,273,206	-\$182,000	-\$78,000	-\$260,000	\$27,373,244	\$11,639,962	\$39,013,206
Element 5: Prior Completed Work										
3124 - ????	Feature 1 - Prior Completed Work	\$5,377,514	\$2,304,649	\$7,682,162	\$0	\$0	\$0	\$5,377,514	\$2,304,649	\$7,682,162
Subtotal Element 5		\$5,377,514	\$2,304,649	\$7,682,162	\$0	\$0	\$0	\$5,377,514	\$2,304,649	\$7,682,162
Element 6: Project Management, legal support, community relations support, land management support, and overhead										
3125-3270	Feature 1 - TRLIA Salaries/Benefits	\$889,500	\$381,214	\$1,270,714	\$0	\$0	\$0	\$889,500	\$381,214	\$1,270,714
3125-3271	Feature 2 - TRLIA Consultant Exp.	\$882,264	\$378,113	\$1,260,377	\$0	\$0	\$0	\$882,264	\$378,113	\$1,260,377
3125-3272	Feature 3 - TRLIA Legal Support	\$730,964	\$313,270	\$1,044,235	\$0	\$0	\$0	\$730,964	\$313,270	\$1,044,235
3125-3273	Feature 4 - TRLIA Travel Expenses	\$6,995	\$2,998	\$9,992	\$0	\$0	\$0	\$6,995	\$2,998	\$9,992
3125-3274	Feature 5 - TRLIA General Expenses	\$249,650	\$106,993	\$356,643	\$0	\$0	\$0	\$249,650	\$106,993	\$356,643
3125-3275	Feature 6 - TRLIA Insurance	\$328,383	\$140,736	\$469,119	\$0	\$0	\$0	\$328,383	\$140,736	\$469,119
3125-3276	Feature 7 - TRLIA Travel - Vehicle Lease	\$18,700	\$8,014	\$26,714	\$0	\$0	\$0	\$18,700	\$8,014	\$26,714
3125-3277	Feature 8 - TRLIA Memberships	\$13,383	\$5,736	\$19,119	\$0	\$0	\$0	\$13,383	\$5,736	\$19,119
Subtotal Element 6		\$3,119,839	\$1,337,074	\$4,456,913	\$0	\$0	\$0	\$3,119,839	\$1,337,074	\$4,456,913
Element 7: Right of Way Capital										
3122-3522	Feature 3: Right of Way (Capital)	\$1,797,795	\$770,483	\$2,568,278	\$0	\$0	\$0	\$1,797,795	\$770,483	\$2,568,278
Subtotal Element 7		\$1,797,795	\$770,483	\$2,568,278	\$0	\$0	\$0	\$1,797,795	\$770,483	\$2,568,278
TOTAL ALL ELEMENTS		\$47,429,691	\$20,391,271	\$67,820,962	-\$54,000	\$54,000	\$0	\$47,375,691	\$20,445,271	\$67,820,962

[1] Reflective of the Overall Work Plan Budget included in the 3rd QWP for the Upper Yuba River Levee Improvement Project funding agreement dated March 15, 2010.

- **The amount of funds sought from the State and the Amount of Local Funds intended to be expended:** As presented in Item 3 of this 4th Quarter Work Plan:

Quarterly Work Plan Summary				
Description	State Share	Local Share	Total	Local Credit Applied
Element 7 - Land Acquisition	\$538,895	\$230,955	\$769,850	\$230,955
Elements 1 through 6	\$7,265,984	\$3,136,850	\$10,402,835	\$3,136,850
Total	\$7,804,879	\$3,367,805	\$11,172,685	\$3,367,805

Quarterly Summary for Real Estate Activity	
State Share Element 7	\$538,895
Local Credit Applied Elements 1	\$230,955
Estimated Total Quarterly State Real Estate Funding	\$769,850

Quarterly State Share Advance Summary for Non-Real Estate Activity	
75% of State Share Elements 1 through 6	\$5,449,488
plus/minus State Share true-up for Prior Quarters [1]	\$1,749,104
Total Advance for State Share at Start of 4th Quarter	\$7,198,592

[1] See Reconciliation of Prior State Funding. Additional 4th Quarter funding is subject to True-up for the 3rd Quarter.

Quarterly Local Credit Summary for Non-Real Estate Activity	
Local Credit Elements 1 through 6	\$3,136,850
plus/minus Local Credit true-up for Prior Quarters [1]	\$585,723
Total Advance for State Share at Start of 4th Quarter	\$3,722,573

[1] See Reconciliation of Prior State Funding. Additional 4th Quarter funding is subject to True-up for the 3rd Quarter.

Reconciliation of Prior State Funding for Construction

As of 3rd Quarter - State Share

Total Non-Real Estate Expenses (Elements 1 - 6) Through 2nd Quarter [1]	\$4,164,580
3rd Quarter Total QWP Expenses	\$4,894,160
State Share True-Up Calculations	
Total State Share of Expenses to Date	\$2,768,855
3rd Quarter State Share Advance Request	\$2,561,934
Total State Funding Due (net of 10% Retention on Prior Expenses)	\$5,053,903
Funding To Date (Including Payments in Process)	
Total State Advance/True-Up Funding Received to Date for Construction	\$451,818
Total Additional State Advance Funding in Process (1st Quarter)	\$70,578
Total Additional State Advance Funding in Process (2nd Quarter)	\$801,157
Total Additional State Advance Funding in Process (3rd Quarter)	\$1,981,246
Total State Share Funding Received and in Process	\$3,304,799
State Share Construction Funding Due as of 3rd Quarter	\$1,749,104

As of 3rd Quarter - Local Share

Local Share True-Up Calculations	
Local Share of Non RE Expenses to Date	\$1,395,726
3rd Quarter Local Share Advance Request	\$1,478,248
Total Local Funding Credit Due	\$2,873,974
Funding To Date (Including Payments in Process)	
Total Local Credit Advance/True-Up Funding Received to Date	\$410,772
Total Additional State Advance Funding in Process (1st Quarter)	\$0
Total Additional State Advance Funding in Process (2nd Quarter)	\$343,623
Total Additional State Advance Funding in Process (3rd Quarter)	\$1,533,856
Total State Share Funding Received and in Process	\$2,288,251
State Share Construction Funding Due as of 3rd Quarter	\$585,723
Total Additional Funding Due as of 3rd	\$2,334,827

[1] 2nd Quarter Statement of Costs Subject to review by DWR.

- The following tables present Element and Feature level details for the 4th Quarterly Work Plan.

Summary of TRLIA Quarterly Work Plan Budget
Upper Yuba

For Period July / August / September 2010

SUMMARY ALL ELEMENTS

Elements and Features	Overall Budget [1]			Estimated Cumulative Expenses [2]			Forecasted Remaining Budget			Quarterly Forecast			Advance
	Total	State	Local	Total	State Share	Local Share (after credit)	Total	State Share	Local Share	Total	State	Local	State Share
Formula	a	b	c = a-b	d	e	f = d-e	g = a-d	h = b-e	i = c-f	j	k	l=j-k	l=k*75%
Quarterly Advance Request Elements (Not Including Real Estate)													
Element 1: Flatten Waterside Levee Slope	\$1,203,678	\$842,575	\$361,103	\$632,841	\$442,989	\$189,852	\$570,837	\$399,586	\$171,251	\$5,000	\$3,500	\$1,500	\$2,625
Element 2: Pre-CEQA Determination Support	\$864,913	\$432,456	\$432,456	\$781,758	\$390,879	\$390,879	\$83,155	\$41,577	\$41,577	\$80,000	\$40,000	\$40,000	\$30,000
Element 3: Levee Improvements Support Work	\$12,031,811	\$8,432,268	\$3,599,543	\$3,826,181	\$2,678,327	\$1,147,854	\$8,205,630	\$5,753,941	\$2,451,689	\$3,005,000	\$2,103,500	\$901,500	\$1,577,625
Element 4: Levee Improvements Construction	\$39,013,206	\$27,373,244	\$11,639,962	\$17,678	\$12,375	\$5,303	\$38,995,528	\$27,360,870	\$11,634,658	\$7,162,541	\$5,013,779	\$2,148,762	\$3,760,334
Element 6: Admin & Overhead	\$4,456,913	\$3,119,839	\$1,337,074	\$415,806	\$291,064	\$124,742	\$4,041,107	\$2,828,775	\$1,212,332	\$150,293	\$105,205	\$45,088	\$78,904
Sub-Total Elements 1 through 6	\$57,570,522	\$40,200,383	\$17,370,139	\$5,674,265	\$3,815,634	\$1,858,631	\$51,896,257	\$36,384,749	\$15,511,508	\$10,402,835	\$7,265,984	\$3,136,850	\$5,449,488
Element 5 Credit [Additional Credit to Come from other Element Expenses Incurred Prior to October 20, 2009 not Shown Here]													
Element 5: Prior Completed Work	\$7,682,162	\$5,377,514	\$2,304,649	\$9,929,323	\$6,950,526	\$2,978,797	-\$2,247,161	-\$1,573,013	-\$674,148				

Quarterly Advance Request		Local Credit Reconciliation	
75% of State Share of Eligible Elements	\$5,449,488	Total Local Share of Eligible Expenses this Quarter	\$3,136,850 (From Above)
plus Local Share Subject to Credit	\$3,136,850	Estimated Total Local Credit	\$8,666,228 (Estimated amount subject to review by DWR)
Total	\$8,586,339	Total Local Credit Used (from 1st Quarter)	\$410,772
		Total Local Credit Used (from 2nd Quarter)	\$343,623 (Payment in Process)
		Total Local Credit Used (from 3rd Quarter)	\$1,533,856 (Payment in Process)
		Remaining Local Credit	\$6,377,977
		Requested Local Credit to be Paid with Advance	\$3,136,850
		Credit Remaining After Advance	\$3,241,127

"4Q YubaSumm"

[1] As reflected in this 3rd Quarterly Work Plan for the Upper Yuba Project.

[2] Reflects the estimated amount of costs incurred through the 2nd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to December 31, 2009 and an estimate of expenses from January 1st through March 3, 2010 based on the 2nd Quarterly Work Plan.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 1

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50															
1.1: Design	70%	\$204,279	\$142,995	\$61,284	\$198,479	\$138,936	\$59,544	\$5,799	\$4,059	\$1,740	3%	\$0	\$0	\$0	0%
1.2: Permitting	70%	\$167,134	\$116,994	\$50,140	\$5,869	\$4,108	\$1,761	\$161,265	\$112,886	\$48,380	96%	\$5,000	\$3,500	\$1,500	3%
1.3: Right of Way	70%	\$22,285	\$15,599	\$6,685	\$18,731	\$13,112	\$5,619	\$3,553	\$2,487	\$1,066	16%	\$0	\$0	\$0	0%
1.4: Construction Management	70%	\$146,492	\$102,545	\$43,948	\$134,218	\$93,953	\$40,266	\$12,274	\$8,592	\$3,682	8%	\$0	\$0	\$0	0%
1.5: Construction	70%	\$579,922	\$405,945	\$173,977	\$275,543	\$192,880	\$82,663	\$304,378	\$213,065	\$91,314	52%	\$0	\$0	\$0	0%
1.6: O&M Manual addendum	70%	\$83,567	\$58,497	\$25,070	\$0	\$0	\$0	\$83,567	\$58,497	\$25,070	100%	\$0	\$0	\$0	0%
Subtotal Element 1		\$1,203,678	\$842,575	\$361,103	\$632,841	\$442,989	\$189,852	\$570,837	\$399,586	\$171,251	47%	\$5,000	\$3,500	\$1,500	1%

"4QYubaElem1"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 2

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
	(Increased)														
Element 2: Levee Improvements (Slurry Wall & Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts															
2.1: Alternatives Analysis	50%	\$414,771	\$207,385	\$207,385	\$414,699	\$207,350	\$207,350	\$71	\$36	\$36	0%	\$0	\$0	\$0	0%
2.2: CEQA/NEPA	50%	\$450,142	\$225,071	\$225,071	\$367,059	\$183,529	\$183,529	\$83,083	\$41,542	\$41,542	18%	\$80,000	\$40,000	\$40,000	96%
Subtotal Element 2		\$864,913	\$432,456	\$432,456	\$781,758	\$390,879	\$390,879	\$83,155	\$41,577	\$41,577	10%	\$80,000	\$40,000	\$40,000	96%

"4Q YubaElem2"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 3

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work															
3-2.3: Preliminary Design	70%	\$1,328,778	\$930,145	\$398,633	\$1,325,741	\$928,019	\$397,722	\$3,037	\$2,126	\$911	0%	\$0	\$0	\$0	0%
3-2.4: Permitting Preparation	70%	\$300,344	\$210,241	\$90,103	\$129,885	\$90,920	\$38,966	\$170,459	\$119,321	\$51,138	57%	\$0	\$0	\$0	0%
3-2.5: Right of Way Support	70%	\$2,055,433	\$1,438,803	\$616,630	\$689,835	\$482,885	\$206,951	\$1,365,598	\$955,919	\$409,679	66%	\$300,000	\$210,000	\$90,000	22%
3.1: Final Design	70%	\$2,029,307	\$1,430,515	\$598,792	\$1,069,719	\$748,804	\$320,916	\$959,588	\$681,712	\$277,876	47%	\$575,000	\$402,500	\$172,500	60%
3.2: Permitting	70%	\$702,461	\$491,723	\$210,738	\$224,000	\$156,800	\$67,200	\$478,461	\$334,923	\$143,538	68%	\$350,000	\$245,000	\$105,000	73%
3.4: Construction Management	70%	\$4,478,975	\$3,135,282	\$1,343,692	\$387,000	\$270,900	\$116,100	\$4,091,975	\$2,864,382	\$1,227,592	91%	\$930,000	\$651,000	\$279,000	23%
3.5: Environmental Mitigation	70%	\$947,094	\$662,966	\$284,128	\$0	\$0	\$0	\$947,094	\$662,966	\$284,128	100%	\$850,000	\$595,000	\$255,000	90%
3.6: O&M Manual addendum	70%	\$189,419	\$132,593	\$56,826	\$0	\$0	\$0	\$189,419	\$132,593	\$56,826	100%	\$0	\$0	\$0	0%
Subtotal Element 3		\$12,031,811	\$8,432,268	\$3,599,543	\$3,826,181	\$2,678,327	\$1,147,854	\$8,205,630	\$5,753,941	\$2,451,689	68%	\$3,005,000	\$2,103,500	\$901,500	37%

"4QYubaElem3"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 4

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59															
4.1 - Construction	70%	\$39,013,206	\$27,373,244	\$11,639,962	\$17,678	\$12,375	\$5,303	\$38,995,528	\$27,360,870	\$11,634,658	100%	\$7,162,541	\$5,013,779	\$2,148,762	18%
Subtotal Element 4		\$39,013,206	\$27,373,244	\$11,639,962	\$17,678	\$12,375	\$5,303	\$38,995,528	\$27,360,870	\$11,634,658	100%	\$7,162,541	\$5,013,779	\$2,148,762	18%

"4QYubaElem4"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 5

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 5: Prior Completed Work															
5.1 - Prior Completed Work	70%	\$7,682,162	\$5,377,514	\$2,304,649	\$9,929,323	\$6,950,526	\$2,978,797	-\$2,247,161	-\$1,573,013	-\$674,148	-29%	\$0	\$0	\$0	0%
Subtotal Element 5		\$7,682,162	\$5,377,514	\$2,304,649	\$9,929,323	\$6,950,526	\$2,978,797	-\$2,247,161	-\$1,573,013	-\$674,148	-29%	\$0	\$0	\$0	0%

"4QYubaElem5"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget Upper Yuba

For Period July / August / September 2010

ELEMENT 6

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly For	
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk
community relations support, land management support,													
6.1 - TRLIA Salaries/Benefits	70%	\$1,270,714	\$889,500	\$381,214	\$135,006	\$94,504	\$40,502	\$1,135,708	\$794,995	\$340,712	89%	\$49,575	\$34,702
6.2 - TRLIA Consultant Exp.	70%	\$1,260,377	\$882,264	\$378,113	\$121,744	\$85,221	\$36,523	\$1,138,632	\$797,043	\$341,590	90%	\$49,575	\$34,702
6.3 - TRLIA Legal Support	70%	\$1,044,235	\$730,964	\$313,270	\$116,849	\$81,794	\$35,055	\$927,386	\$649,170	\$278,216	89%	\$39,246	\$27,473
6.4 - TRLIA Travel Expenses	70%	\$9,992	\$6,995	\$2,998	\$330	\$231	\$99	\$9,662	\$6,763	\$2,899	97%	\$330	\$231
6.5 - TRLIA General Expenses	70%	\$356,643	\$249,650	\$106,993	\$31,681	\$22,177	\$9,504	\$324,962	\$227,474	\$97,489	91%	\$10,328	\$7,230
6.6 - TRLIA Insurance	70%	\$469,119	\$328,383	\$140,736	\$7,062	\$4,943	\$2,119	\$462,058	\$323,440	\$138,617	98%	\$0	\$0
6.7 - TRLIA Travel - Vehicle Leas	70%	\$26,714	\$18,700	\$8,014	\$3,134	\$2,194	\$940	\$23,580	\$16,506	\$7,074	88%	\$1,239	\$868
6.8 - TRLIA Memberships	70%	\$19,119	\$13,383	\$5,736	\$0	\$0	\$0	\$19,119	\$13,383	\$5,736	100%	\$0	\$0
Subtotal Element 6		\$4,456,913	\$3,119,839	\$1,337,074	\$415,806	\$291,064	\$124,742	\$4,041,107	\$2,828,775	\$1,212,332	91%	\$150,293	\$105,205

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st thru the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period July / August / September 2010

ELEMENT 7

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (March 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	3rd Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 7: Right of Way Capital															
7-3.3 - Right of Way Capital	70%	\$2,568,278	\$1,797,795	\$770,483	\$920,625	\$644,438	\$276,188	\$1,647,653	\$1,153,357	\$494,296	64%	\$769,850	\$538,895	\$230,955	47%
Subtotal Element 7		\$2,568,278	\$1,797,795	\$770,483	\$920,625	\$644,438	\$276,188	\$1,647,653	\$1,153,357	\$494,296	64%	\$769,850	\$538,895	\$230,955	47%

"4QYubaElem7"

[1] Revised per this Upper Yuba 4th Quarterly Work Plan.

[2] Reflects the estimated amount of costs incurred through the 3rd Quarter of the Upper Yuba Project based on prior actual expenses from November 2006 to March 31, 2010 and an estimate of expenses from April 1st through June 30, 2010 based on the 3rd Quarterly Work Plan with any necessary adjustments made based on changes from prior forecasts made.

6. Schedule Information by Project Element:

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				
Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50																														
Feature 1: Design																														
Feature 2: Permitting																														
Feature 3: Right of Way																														
Feature 4: Construction Management																														
Feature 5: Construction																														
Feature 6: O&M Manual addendum																														
Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts																														
Feature 1: Alternatives Analysis																														
Feature 2: CEQA / NEPA																														
Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work																														
Feature 2.3: Preliminary Design																														
Feature 2.4: Permitting Preparation																														
Feature 2.5: Right of Way																														
Feature 1: Design																														
Feature 2: Permitting																														
Feature 4: Construction Management																														
Feature 5: Environmental Mitigation																														
Feature 6: O&M Manual Addendum																														
Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59																														
Feature 1 - Construction																														
Element 5: Prior Completed Work																														
Feature 1 – Prior Work																														
Element 6: Project Management, legal support, community relations support, land management support, and overhead [5]																														
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																														
Element 7: Right of Way Capital																														
Feature 3.3: Right of Way																														

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

- **A discussion on how the projected schedule compares to original or last reported schedule:**
 - **Moved Element 2 Feature 3 to Element 3 Feature 2.3**
 - **Moved Element 2 Feature 4 to Element 3 Feature 2.4**
 - **Moved Element 2 Feature 5 to Element 3 Feature 2.5**
 - **Element 3 Feature 2.5:** Schedule extended out through 2011 for eminent domain actions.
 - **Element 3 Feature 2:** Schedule extended out through 2011 for FEMA Accreditation.
 - **Moved Element 3 Feature 3 to Element 7 Feature 3.3**
 - **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
 - **Element 7 Feature 3.3:** Schedule extended out through 2011 for eminent domain actions.
- **A list of any changes anticipated during the time period covered by the Quarterly Work Plan as compared to the latest reported schedule:** Cost of the construction project is decreasing due to shallower cut-off walls that originally anticipated.

7. Attachments:

1. Overall Work plan Tab D Project Element 1: Waterside slope flattening permit list
2. Updated Overall Work plan Tab D Project Element 2 & 3: Remaining Work permit list

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 May 28, 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"> • Encroachment Permit Application Submitted February 3, 2010 • Anticipate Permit Issued June 2010
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	<ul style="list-style-type: none"> • Navigable waterways not affected
Corps	Section 404 Permit	No	<ul style="list-style-type: none"> • Project is above the OHWM
Corps	Wetlands Delineation	Yes	<ul style="list-style-type: none"> • Wetland Delineation Report submitted to Corps February 2010
Corps	408 approval of project levee alteration	Yes	<ul style="list-style-type: none"> • Request to CVFCB to Initiate 408 Environmental Process June 2009 • <i>Project 408 Approval, Anticipated Late July/Early August 2010</i>
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	Yes	<ul style="list-style-type: none"> • Application May 2010 • Permit anticipated June 2010
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"> • Application June 2010 • Permit Anticipated July 2010
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	<ul style="list-style-type: none"> • Carl Moyer Mitigation Letter received December 2009 • Submission of BMP's March/April 2010 • Authority Anticipated July 2010
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> • Draft Biological Assessment prepared and submitted to the Corps for review and initiation of Consultation April 2010 • BO projected June 2010
National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	No	<ul style="list-style-type: none"> • The project will avoid take of listed fish species

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

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