



**TRLIA**  
**5<sup>th</sup> QUARTERLY WORK PLAN**  
**FOR**  
**UPPER YUBA RIVER LEVEE**  
**IMPROVEMENT PROJECT**

1. 5<sup>th</sup> Quarterly Work plan for quarter: Oct 1 to Dec 31, 2010
2. Date of Report: September 22, 2010
3. 5<sup>th</sup> Quarter Work Plan:

<b>Quarterly Work Plan Summary</b>				
<b>Description</b>	<b>State Share</b>	<b>Local Share</b>	<b>Total</b>	<b>Local Credit Applied</b>
Element 7 - Land Acquisition	\$70,000	\$30,000	\$100,000	\$30,000
Elements 1 through 6	\$474,556	\$210,524	\$685,081	\$210,524
<b>Total</b>	<b>\$544,556</b>	<b>\$240,524</b>	<b>\$785,081</b>	<b>\$240,524</b>

<b>Quarterly Summary for Real Estate Activity</b>	
<b>State Share Element 7</b>	\$70,000
<b>Local Credit Applied Elements 1</b>	\$30,000
<b>Estimated Total Quarterly State Real Estate Funding</b>	\$100,000

<b>Quarterly State Share Advance Summary for Non-Real Estate Activity</b>	
<b>75% of State Share Elements 1 through 6</b>	\$355,917
<b>plus/minus State Share true-up for Prior Quarters [1]</b>	-\$5,589,792
<b>Total Advance for State Share at Start of 4<sup>th</sup> Quarter</b>	-\$5,233,875

[1] See Reconciliation of Prior State Funding.

<b>Quarterly Local Credit Summary for Non-Real Estate Activity</b>	
<b>Local Credit Elements 1 through 6</b>	\$210,524
<b>plus/minus Local Credit true-up for Prior Quarters [1]</b>	-\$3,455,260
<b>Total Advance for State Share at Start of 4<sup>th</sup> Quarter</b>	-\$3,244,736

[1] See Reconciliation of Prior State Funding.

### **Reconciliation of State Advance Funding for Construction**

#### **As of 3rd Quarter - State Share**

Total Non-Real Estate Expenses (Elements 1 - 6) Through 3rd Quarter [1]	\$3,812,146
4th Quarter Total Forecasted Expenses [1]	\$1,550,293
State Share True-Up Calculations	
Total State Share of Above Expenses	\$3,753,708
Total State Funding Due (net of 10% Retention on Prior Expenses)	<b>\$3,378,337</b>
Funding To Date	
1st Quarter Advance	\$451,818
1st Quarter True-Up	\$70,578
2nd Quarter Advance	\$801,157
3rd Quarter Advance	\$1,981,246
2nd Quarter True-Up	\$53,088
4th Quarter Advance	\$3,468,242
3rd Quarter True-Up	\$160,754
4th Quarter Advance	\$1,981,246
Total State Share Funding Received and in Process	<b>\$8,968,129</b>
<b>Estimated State Share Construction Funding Due as of 4th Quarter</b>	<b>-\$5,589,792</b>

#### **As of 3rd Quarter - Local Share**

Local Share True-Up Calculations	
Local Share of Non RE Expenses to Date	\$1,608,732
Total Local Funding Credit Due	<b>\$1,608,732</b>
Funding To Date	
Local Credit Advanced (from 1st Quarter)	\$410,772
Local Credit Advanced (from 2nd Quarter)	\$343,623
Local Credit Advanced (from 3rd Quarter)	\$1,533,856
Local Credit True-Up (from 2nd Quarter)	\$152,747
Local Credit Advanced (from 4th Quarter)	<b>\$2,622,994</b>
Total Credit Funding Received	<b>\$5,063,992</b>
<b>Local Credit Due as of 4th Quarter</b>	<b>-\$3,455,260</b>

[1] 3rd Quarter QPR Costs Subject to review by DWR.

[2] 4th Quarter Expenses taking into consideration construction has been delayed.

#### 4. Project Element Information:

At the request of DWR, restructuring of Project Elements and Features occurred during the preparation of the 4<sup>th</sup> Quarterly Work Plan (QWP) submitted on May 28, 2010. The following changes were made and a revised Overall Work Plan Budget was submitted with the 4<sup>th</sup> QWP that reflected the following changes.

- a. A new Element 7: Right of Way Capital was added. This was previously Element 3: Feature 3.3. The purpose of this change was to separate Right of Way acquisition costs into a separate and distinct Element.
- b. 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 to 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: All actions have been completed.
- Feature 2 Permitting: All actions have been completed. All permits were obtained. See updated Overall Work Plan Tab D (Attachment 1)
  - TRLIA submitted 100-year FEMA certification documentation to FEMA for Project Element 1 on May 5, 2010. On May 27, 2010 FEMA indicated that the TRLIA levee system will be accredited.
- Feature 3 Right of Way: All actions have been completed.
- Feature 4 Construction Management: All actions have been completed.
- Feature 5 Construction: All actions have been completed.
- Feature 6: O&M Manual: All actions have been completed.

- **Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**

- Feature 1 Alternatives Analysis: All actions have been completed.

- 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 (acquisition of expanded levee O&M access corridor (10 ft to 50 ft)
  - NEPA – Corps of Engineers is the lead Agency. During the 5<sup>th</sup> quarter is anticipated the Corps will finalize the EA and mitigated FONSI.
    - ✓ The Corps of Engineers issued the Draft EA for Public review on May 24, 2010
    - ✓ The EA public comment period ended on June 23, 2010. The only comments were a letter from the FRAQMD and an e-mail from Cal-TRANS. Both comment submissions can be easily responded to.
    - ✓ Finalization of the FONSI is dependent upon SHPO completing consultation, which has been delayed (overdue) due to SHPO's staff being unable to meet schedules. SHPO's response is projected to occur by September 10<sup>th</sup>.
    - ✓ The Corps of Engineers did not finalize the FONSI in late June or early July 2010 as anticipated in the last report. The Corps of Engineers now hopes to finalize the FONSI sometime in September 2010. **This slippage has impacted the TRLIA construction schedule.**
- **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work**
  - Feature 2.3 Preliminary Design: Completed in the 2<sup>nd</sup> 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 active this quarter obtaining right of way needs for the project. Note - Right of Way support expenses are captured under this Element & Feature.
  - Feature 1 Design: Work is completed on this feature.
    - 100% plans and specifications were ready for bid on June 21, 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.
  - TRLIA will continue to work with the Corps of Engineers to finalize the 408 Authorization and 104 Credit approvals. Previously the Corps of Engineers indicated that 408 submission to HQs could possibly be completed by mid July, but submission has been delayed to September/October 2010 due to delays in the SHPO consultation.
  - ✓ In mid June the Corps indicated that they had overlooked requesting a Section 106 SHPO consultation and they initiated the consultation. No problems were anticipated with SHPO review, except that the SHPO office was very understaffed. Below is the sequence of events that followed.
    - ✓ Received comments from SHPO on the UYLIP cultural resources report on 6/28. SHPO requested that the project finding be changed to No Adverse Effect from the original No Effect.
    - ✓ The requested SHPO change was made and the Corps responded to the SHPO comment letter on July 28, which restarted the SHPO 30 day review period.
    - ✓ In early August SHPO indicated that due to staff problems they could not respond until September 10<sup>th</sup>. TRLIA requested the Corps to obtain the SHPO response sooner, but the Corps opted to not request SHPO to respond sooner.
  - Once the SHPO consultation is complete the Corps will finalize the NEPA FONSI and hopefully submit the 408 package to HQs sometime in September/October.
- During this quarter TRLIA anticipates the CVFPB staff will finalize the Upper Yuba levee project Encroachment Permit. The CVFPB approved (pending Corps 408 approval) the encroachment permit at the July 2010 Board meeting
- TRLIA anticipates the Corps will render their opinion on the 104 credit request in the 6<sup>th</sup> Quarter.
- During this quarter a revised Section 103 credit MOU will need to again be signed by the CVFPB and USACE. A Memorandum of Understanding between the USACE and the CVFPB was signed on June 30, 2010 providing for credit under Section 2003 of the Water Resources Development Act of 2007 for the Upper Yuba Levee

Improvement Project; however, it is being revised to include recently developed standard language for Section 203 Credit Agreements.

- During this quarter TRLIA will be performing additional hydraulic analysis in the Goldfields area to ensure storm flows (100 year storm event) do not out flank the UYLIP levee.

On May 5, 2010 TRLIA submitted the 100-year FEMA certification documentation to FEMA for EIP Project Area 1. The May 2010 documentation included the completed work on Project Element 1. On May 27, 2010 FEMA indicated that the TRLIA levee system will be accredited.

The May 5<sup>th</sup> documentation identified 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. The schedule of this Feature was extended due to construction work being moved into 2011.

The additional hydraulic analysis being performed for FEMA certification also provides another benefit to DWR and TRLIA. 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 (see permitting feature below). 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.

- CVFPB and DWR approval to use the Anderson Elderberry Site is anticipated early this Quarter, if not accomplished in the last quarter.
  - During this quarter work will continue on the Operations, Maintenance, Repair, Replacement, and Rehabilitation Agreement. It is anticipated that this agreement will be considered by the CVFPB during this quarter or next quarter prior to major levee construction beginning.
- Feature 3 Right of Way: This feature was moved to Project Element 7 as requested by DWR. See May 28, 2010 4<sup>th</sup> Quarterly Work Plan.

- Feature 4 Construction Management: Limited activity is anticipated this quarter due to construction being delayed until 2011.
- Feature 5 Environmental Mitigation:
  - Elderberries transplant work is anticipated to be completed during this Quarter. CVFPB and DWR approval to use the Anderson Elderberry Site is anticipated early this Quarter. FWS Biological Opinion was issued in August 2010.
  - 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**

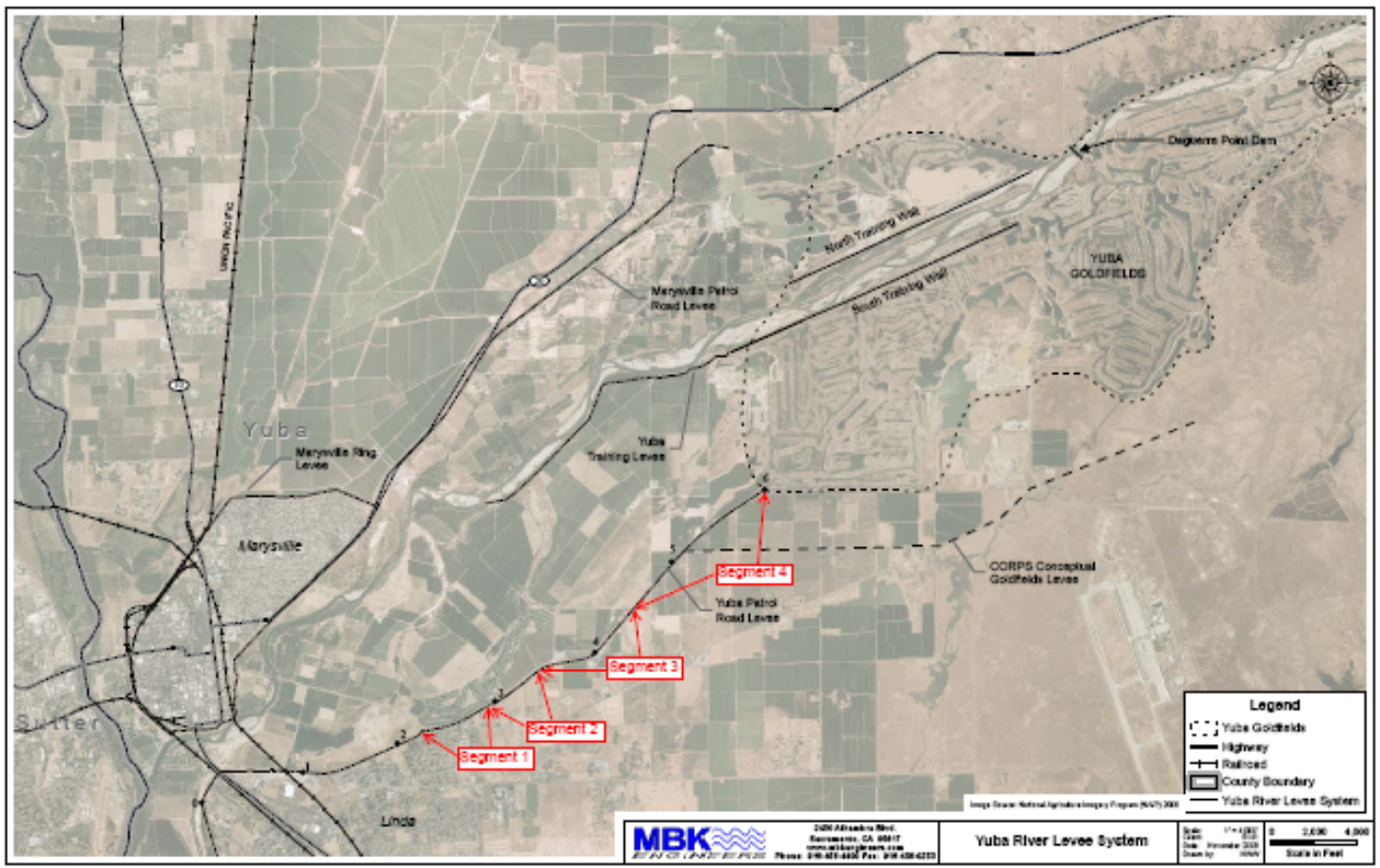
- Feature 1 Construction:
  - No Levee construction work is anticipated to occur this quarter.
  - Plans and specifications went for bid on June 21, 2010. Bids were opened on August 26, 2010. See attachment 3 for bid results. The bid results are truly amazing and reflect the hard economic times that our Nation and California are experiencing. The original estimate for this portion of the construction work in the funding agreement was about \$48 million. As the design went from 30% to 60% and then final many significant design changes occurred. At the time of the bid the engineers estimate for this work was \$13.9 million. The low bid on the attached spreadsheet was a little over \$7.5 million.  
  
The project will not be awarded until the Corps has approved the 408 Authorization, and 104 Credit Approval. The bid package requests the low bidder to keep their bid viable until March 31, 2011 in order for the Corps to complete their actions.
- The construction work being moved to 2011 will cause the project completion to go beyond the EIP funding agreement completion date (June 30, 2011). The Agreement date needs to be extended.

- 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**



Construction Segments



- Construction of a potable water well for a trailer park adjacent to the new levee slurry wall is anticipated to occur this quarter.

➤ **Element 5: Prior Completed Work**

- Feature 1 Prior Completed Work: On July 19, 2010, DWR informed TRLIA of the approved Local Credit Amount for the UYLIP of \$6,619,616. Additional credit may be approved as DWR completes its review of Real Estate items submitted for credit.

➤ **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. 47 parcels are impacted by the project. The parcels are mostly agriculture in nature, a few are residential, and there is an active dairy adjacent to the levee. Note - Right of Way support expenses will be under Element 3 Feature 2.5. TRLIA anticipates the following Right of Way actions to occur during this quarter.
  - During this quarter TRLIA will be continuing to work on closing escrow on one or more negotiated purchases that went into contract during the previous quarter.
  - During this quarter, TRLIA will be continuing negotiations with multiple property owners who have executed Agreements for Possession and Use of Property allowing TRLIA to take possession of the required areas on or before April 1, 2011 while the parties continue to negotiate regarding price and other terms. Property owners who executed such agreements in previous quarters include Henry Smith (owner of Central Valley Flood Protection Board parcel 14067), and Michelle Barker (parcel 14070), Michelle Barker et al (parcel 14070), and Awtar and Sukhvir Sohal (parcel 14069).
  - During this quarter, TRLIA will be making first written offers to, and commencing negotiations with, the owners of five properties in Segment 1 near Simpson Lane from whom small areas are required for the expansion of the land side O&M corridor. Those five properties are:

C.V.F.P.B PARCEL NO.	OWNER / SITE ADDRESS	APPRAISED VALUE
14055	Steve and Denise Gilbert 6272 Dunning Ave.	\$9,200
14054	Hust Bro. Inc. Pension Plan /Roy E. Lanza 1945 Hammonton Smartville	\$5,500
14053	Lothar S. & Brigitta M. Klug 1947 Hammonton Smartville Road	\$3,500
14052	Bernard J. Perez 1933 Hammonton Smartville Rd.	\$10,350
14051	Ronnie C. Willis 1925 Hammonton Smartville Rd.	\$10,500
	Totals	\$39,050

- During this quarter, TRLIA’s legal counsel will be litigating the eminent domain action filed in the previous quarter to acquire the two agricultural parcels that together make up the approximately 77-acre material borrow site for the project. CVFPB parcels 14068 and 14072 are owned by the Walbinder S. Sohal Living Trust and Bhajan S. and Rajwant K. Sohal, respectively. Settlement negotiations are ongoing and productive with the parties working to resolve the interests of minor interest holders so that a global resolution can be achieved.
- Property owner Western Aggregates owns a mix of fee title and easement rights in several parcels in the levee corridor that were formerly owned by a railroad and hopes to one day establish a private rail spur along the levee. During this quarter, TRLIA’s legal counsel will be working with counsel for Western Aggregates and DWR staff and counsel to determine the exact means by which TRLIA will acquire fee title underlying the project footprint without extinguishing Western Aggregates’ railroad right of way—i.e., Western Aggregates’ right to establish a rail line subject to necessary regulatory approvals and encroachment permits. TRLIA anticipates that this effort will include an amendment to TRLIA’s real estate plan.
- During this quarter, TRLIA will be submitting a proposed amendment to its real estate plan to add several temporary easements and clarify

TRLIA's plans regarding the parcels identified as "unknown ownerships."

- During this quarter, TRLIA will be submitting real estate invoices for property valued at approximately \$1.67 million. The State share is \$1,164,765.

C.V.F.P.B PARCEL NO.	OWNER / SITE ADDRESS	APPRAISED VALUE	STATE SHARE OF PROPOSED INVOICE	NOTE
14068	Walbinder S. Sohal Living Trust,	\$590,000	\$413,000	Eminent Domain / Settled Value Shown
14072	Bhajan S. & Rajwant K. Sohal	\$590,000	\$413,000	Eminent Domain / Settled Value Shown
14070	Michele R. Barker 7102 Brophy Road, Marysville	\$185,000	\$129,500	Owner's Appraisal Pending
14071	Shintaffer Farms, Inc. 7231 Dantoni Road, Marysville	\$5,500	\$3,850	Settlement Pending
14067	Henry P. Smith 7114 Dantoni Road, Marysville	\$64,000	\$44,800	Settlement Pending
14066	Richard G. Wilbur Trust	\$23,000	\$16,100	Settlement Pending
14069	Awtar S. Sohal & Sukhvir K. Sohal, Co-Trustees of the Sohal Family Trust	\$21,500	\$15,050	Settlement Pending

<b>C.V.F.P.B PARCEL NO.</b>	<b>OWNER / SITE ADDRESS</b>	<b>APPRAISED VALUE</b>	<b>STATE SHARE OF PROPOSED INVOICE</b>	<b>NOTE</b>
Pending	Naumes, Inc.	\$5,500	\$3,850	Settlement Pending
Pending	Rahul, Surjit S. & Parmjit 6901 Bryden Road	\$500	\$350	Settled
14064	Daniel J. Luis 6519 Griffith Ave., A	\$8,100	\$5,670	Settlement Pending
14063	Anthony J. & Zelma B. Luis 6519 Griffith Ave.	\$16,000	\$11,200	Settlement Pending
14062	Ajit S. Bains & Maria Del Carmen	\$21,500	\$15,050	Settlement Pending
14060	Robert Glenn Wood 2363 Hammonton Smartville Rd	\$3,200	\$2,240	Settlement Pending
14059	Donald Wilkey 6477 Dantoni Road	\$11,500	\$8,050	Settled
14061	Howard R Miller 6565 Dantoni Road Marysville, CA	\$1,400	\$980	Settlement Pending
14058	COF Quail Hollow Land 148T, LLC	\$23,000	\$16,100	Settlement Pending
14057	Orest and Irene Wesely 2019 Hammonton Smartville Rd.	\$33,000	\$23,100	Settlement Pending
14056	Humam El Sharif 1977 Hammonton Smartville Rd., Marysville, CA	\$2,100	\$1,470	Appraised Value (owner cannot be located)
14055	Steve and Denise Gilbert 6287 Dunning Ave.	\$500	\$9,200	Offer Pending

C.V.F.P.B PARCEL NO.	OWNER / SITE ADDRESS	APPRAISED VALUE	STATE SHARE OF PROPOSED INVOICE	NOTE
14054	Hust Bro. Inc. Pension Plan /Roy E. Lanza 1945 Hammonton Smartville	\$1,100	\$5,500	Offer Pending
14053	Lothar S. & Brigitta M. Klug 1947 Hammonton Smartville Road	\$1,200	\$3,500	Offer Pending
14052	Bernard J. Perez 1933 Hammonton Smartville Rd.	\$3,500	\$10,500	Offer Pending
14051	Ronnie C. Willis 1925 Hammonton Smartville Rd.	\$1,700	\$10,500	Offer Pending
14050	Western Aggregates, LLC 1799 Hammonton Smartville Rd.	\$2,650	\$1,855	Offer Pending
14074	UNKNOWN OWNERSHIPS	\$500	\$350	Offer Pending
	Totals	\$1,615,950	\$1,164,765	

- Subject to the results of pre-condemnation negotiations during the previous quarter, TRLIA anticipates beginning eminent domain actions regarding some or all of the following properties during this quarter:

CVFPB Number	Name
14071	Frank Shepard, President Shintaffer Farms, Inc.
14066	Richard G. Wilbur Trust
Pending	Naumes, Inc.
14064	Daniel J. Luis
14063	Anthony J. & Zelma B. Luis
14062	Ajit S. Bains & Maria Del Carmen
14060	Robert Glenn Wood
14058	COF Quail Hollow Land 148T, LLC

- **Environmental matters:**
  - **Project Element 2 & 3:**
    - NEPA – Corps of Engineers is the lead Agency. During the 5<sup>th</sup> quarter it anticipated the Corps will finalize the EA and mitigated FONSI.
      - The Corps of Engineers issued the Draft EA for Public review on May 24, 2010
      - The EA public comment period ended on June 23, 2010. The only comments were a letter from the FRAQMD and an e-mail from CalTRANS. Both comment submissions can be easily responded to.
      - Finalization of the FONSI is dependent upon SHPO completing consultation, which has been delayed (overdue) due to SHPO's staff being unable to meet schedules. SHPO's response is projected to occur by September 10<sup>th</sup>.
      - The Corps of Engineers did not finalize the FONSI in late June or early July 2010 as anticipated in the last report. The Corps of Engineers now hopes to finalize the FONSI sometime in September 2010. **This slippage has impacted the TRLIA construction schedule.**
    - 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.
    - 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.
      - TRLIA will continue to work with the Corps of Engineers to finalize the 408 Authorization and 104 Credit approvals. Previously the Corps of Engineers indicated that 408 submission to HQs could possibly be completed by mid July, but submission has been delayed to September/October 2010 due to delays in the SHPO consultation.
        - In mid June the Corps indicated that they had overlooked requesting a Section 106 SHPO consultation and they initiated the consultation. No problems were anticipated with SHPO review, except that the SHPO

office was very understaffed. Below is the sequence of events that followed.

- ✓ Received comments from SHPO on the UYLIP cultural resources report on 6/28. SHPO requested that the project finding be changed to No Adverse Effect from the original No Effect.
- ✓ The requested SHPO change was made and the Corps responded to the SHPO comment letter on July 28, which restarted the SHPO 30 day review period.
- ✓ In early August SHPO indicated that due to staff problems they could not respond until September 10<sup>th</sup>. TRLIA requested the Corps to obtain the SHPO response sooner, but the Corps opted to not request SHPO to respond sooner.
- Once the SHPO consultation is complete the Corps will finalize the NEPA FONSI and hopefully submit the 408 package to HQs sometime in September/October.
- During this quarter TRLIA anticipates the CVFPB staff will finalize the Upper Yuba levee project Encroachment Permit. The CVFPB approved (pending Corps 408 approval) the encroachment permit at the July 2010 Board meeting
- During this quarter TRLIA anticipates the Corps will render their opinion on the 104 credit request.
- During this quarter a revised Section 103 credit MOU will need to again be signed by the CVFPB and USACE. A Memorandum of Understanding between the USACE and the CVFPB was signed on June 30, 2010 providing for credit under Section 2003 of the Water Resources Development Act of 2007 for the Upper Yuba Levee Improvement Project; however, it is being revised to include recently developed standard language for Section 203 Credit Agreements.
- During this quarter work will continue on the Operations, Maintenance, Repair, Replacement, and Rehabilitation Agreement. It is anticipated that this agreement will be considered by the CVFPB during this quarter or next quarter prior to major levee construction beginning.
- 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
- **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 Project Elements 2, 3, & 4: The Federal NEPA, 408 Authorization, and 104 Credit letter approval processes have been very time consuming and have caused significant levee improvement work to slip into 2011. Of special concern is the length of time for the Corps to approve the 104 credit letter. Apparently the Corps may have issues with approving more credits for the Yuba Basin Plan GRR, since more credits have already been approved than can be used. Potentially, the Corps may deny the credit request. If the 104 credit request approval goes on for an extended period of time, there may be the need for DWR and the CVFPB to waive the EIP agreement 104 credit requirement in order for the Upper Yuba Project to begin construction next year and be completed next year. There is also concern that resolution of the 104 credit issues could impact the Yuba Basin Plan GRR schedule, which could conceivably impact the City of Marysville levee improvements.  
  
Recommended Solution: Once the Corps District office has finalized and forwarded the 408 package and EA with mitigated FONSI (now projected in September versus last report of June) to HQs; TRLIA, YCWA, DWR, and the Corps meet to determine a way forward on getting the 104 credit approved.
  - **Issue 2:** With the majority (if not all) the construction work (Element 4) being moved to 2011; the work will go beyond the EIP funding agreement completion date (September 30, 2011).  
  
Recommended Solution: DWR extend the EIP agreement final date to June 30, 2012.
  - **Issue 3** – 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 evaluated the Overall Work Plan Budget and updated the budget amounts for construction on the completed work within Element 1 as well as the recently bid work for Elements 3&4 to reflect updated costs. Taking into consideration the savings in construction costs as well other minor adjustments in the Overall Work Plan individual feature budget, the Overall Work Plan Budget has been reduced by approximately \$32.3 million to a total budget of \$35.5 million.

- **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 5<sup>th</sup> quarter as the Element is essentially complete. Construction was completed in November, 2009. Upon completion of the 5<sup>th</sup> Quarter, approximately (72%) \$720,000 of the revised \$1.0 Million budget will have been 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 5<sup>th</sup> quarter are related to the completion of the NEPA document preparation. The budget forecasted to be expended this quarter is \$25,000. The forecasted amount of expenses in conjunction with prior expenses will result in having expended 97% (\$811,000) 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.

The major costs to be incurred in the quarter will be related to Right of Way Support and Permitting efforts and completing the Environmental Mitigation requirements associated with Elderberry Bush relocation.

The revised overall budget for Element 3 is \$9.07 million and the amount forecasted to be expended this quarter is approximately \$485,000. This amount, in conjunction with estimated prior expenses furthering Element 3 efforts, will result in having expended roughly 59% (\$4.82 million) of the Element's revised budget of \$9.07 million.

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

Construction is not expected to commence until 2011 therefore expenses are forecasted for the 5<sup>th</sup> Quarter. As construction bids have been received and it is clear that the costs of construction will be significantly below the original estimates, TRLIA has revised the OAWP Budget for this element downward to \$9,800,000 (the contract bid amount plus 30% contingency for cost overruns and other unknowns).
- **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 and approval. No additional expenses for this Element will be submitted.
- **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 \$175,000 of Overhead and Admin expenses in the quarter. After the quarter is complete, TRLIA will have expended roughly 16% 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.

Right of Way acquisition will continue this Quarter. The budget is approximately \$100,000. After the quarter is complete, TRLIA will have expended roughly 86% 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 has updated the Overall Work Plan Budget to reflect actual construction costs for Element 1 and updated construction costs for Elements 3 and 4. The following outlines the major changes to the Overall Work Plan Budget.

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

Construction Management costs for the Waterside Slope Flattening Project have exceeded the budget of the feature. The budget has been increased by \$30,000. Costs savings on the construction are sufficient to cover this additional budget.

- Revise the Total Budget up by \$30,000 to \$176,492

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

Costs savings on the construction have been realized and the final expenses have been incurred. The budget has been revised to reflect the actual costs.

- Revise the Total Budget down by \$229,672 to \$350,250

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

Additional Alternatives Analysis costs as of the 2<sup>nd</sup> 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 3: Feature 1: Preliminary Design**

Additional Preliminary Design costs were incurred. 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 \$50,000 to \$1,378,778

➤ **Element 3: Feature 2: Permitting Prep**

Fewer Permitting Prep expenses were incurred that originally budgeted. The budget has been adjusted to reflect actual costs.

- Revise the Total Down by \$75,000 to \$225,344

➤ **Element 3: Feature 4: Final Design**

Additional Design Expenses were incurred to complete the design in order to go out to bid and issue bid documents. The additional budget is available given the significant construction cost savings.

- Revise the Total Up by \$250,000 to \$2,279,307

➤ **Element 3: Feature 6: Construction Management**

The budget for construction management has been revised to reflect the lowered cost of construction.

- Revise the Total Down by \$2,553,975 to \$1,925,000

➤ **Element 3: Feature 7: Environmental Mitigation**

The budget for elderberry relocation is less than originally budgeted. The budget has been reduced to reflect expected costs based upon contracts for the work.

- Revise the Total Down by \$577,997 to \$369,097

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

Projected costs savings in construction are expected based upon construction bids received.

- Revise the Total Budget down by \$29,216,072 to \$9,800,000

TRLIA Overall Work Plan Budget  
Upper Yuba River Project

Project Elements and Features	Current Budget [1]			Proposed Budget Modification			Revised Overall Budget			
	State Budget (\$)	Local Budget (\$)	Total Budget (\$)	State Budget (\$)	Local Budget (\$)	Total Budget (\$)	State Budget (\$)	Local Budget (\$)	Total Budget (\$)	
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>										
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	\$102,545	\$43,948	\$146,492	\$21,000	\$9,000	\$30,000	\$123,545	\$52,948	\$176,492
3120-3504	Feature 5: Construction	\$405,945	\$173,977	\$579,922	-\$160,770	-\$68,902	-\$229,672	\$245,175	\$105,075	\$350,250
3120-3505	Feature 6: O&M Manual addendum	\$58,497	\$25,070	\$83,567	\$0	\$0	\$0	\$58,497	\$25,070	\$83,567
<b>Subtotal Element 1</b>		<b>\$842,575</b>	<b>\$361,103</b>	<b>\$1,203,678</b>	<b>-\$139,770</b>	<b>-\$59,902</b>	<b>-\$199,672</b>	<b>\$702,805</b>	<b>\$301,202</b>	<b>\$1,004,007</b>
<b>Element 2: Pre-CEQA &amp; CEQA Determination Support Efforts</b>										
3121-3510	Feature 1: Alternatives Analysis [4]	\$207,385	\$207,385	\$414,771	\$0	\$0	\$0	\$207,385	\$207,385	\$414,771
3121-3511	Feature 2: CEQA / NEPA [4]	\$225,071	\$225,071	\$450,142	\$0	\$0	\$0	\$225,071	\$225,071	\$450,142
<b>Subtotal Element 2</b>		<b>\$432,456</b>	<b>\$432,456</b>	<b>\$864,913</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$432,456</b>	<b>\$432,456</b>	<b>\$864,913</b>
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>										
3121-3512	Feature 1: Preliminary Design	\$930,145	\$398,633	\$1,328,778	\$35,000	\$15,000	\$50,000	\$965,145	\$413,633	\$1,378,778
3121-3513	Feature 2: Permitting Preparation	\$210,241	\$90,103	\$300,344	-\$52,500	-\$22,500	-\$75,000	\$157,741	\$67,603	\$225,344
3121-3514	Feature 3: Right of Way Support	\$1,400,000	\$600,000	\$2,000,000	\$0	\$0	\$0	\$1,400,000	\$600,000	\$2,000,000
3122-3520	Feature 4: Final Design	\$1,430,515	\$598,792	\$2,029,307	\$175,000	\$75,000	\$250,000	\$1,605,515	\$673,792	\$2,279,307
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	-\$1,787,782	-\$766,192	-\$2,553,975	\$1,347,500	\$577,500	\$1,925,000
3122-3524	Feature 7: Environmental Mitigation	\$662,966	\$284,128	\$947,094	-\$404,598	-\$173,399	-\$577,997	\$258,368	\$110,729	\$369,097
3122-3525	Feature 8: O&M Manual addendum	\$132,593	\$56,826	\$189,419	\$0	\$0	\$0	\$132,593	\$56,826	\$189,419
<b>Subtotal Element 3</b>		<b>\$8,393,465</b>	<b>\$3,582,914</b>	<b>\$11,976,378</b>	<b>-\$2,034,880</b>	<b>-\$872,092</b>	<b>-\$2,906,972</b>	<b>\$6,358,585</b>	<b>\$2,710,822</b>	<b>\$9,069,407</b>
<b>Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59</b>										
3123-3530 & 3531	Feature 1 - Construction	\$27,375,251	\$11,640,822	\$39,016,072	-\$20,451,251	-\$8,764,822	-\$29,216,072	\$6,924,000	\$2,876,000	\$9,800,000
<b>Subtotal Element 4</b>		<b>\$27,375,251</b>	<b>\$11,640,822</b>	<b>\$39,016,072</b>	<b>-\$20,451,251</b>	<b>-\$8,764,822</b>	<b>-\$29,216,072</b>	<b>\$6,924,000</b>	<b>\$2,876,000</b>	<b>\$9,800,000</b>
<b>Element 5: Prior Completed Work</b>										
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
<b>Subtotal Element 5</b>		<b>\$5,377,514</b>	<b>\$2,304,649</b>	<b>\$7,682,162</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,377,514</b>	<b>\$2,304,649</b>	<b>\$7,682,162</b>
<b>Element 6: Project Management, legal support, community relations support, land management support, and overhead</b>										
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
<b>Subtotal Element 6</b>		<b>\$3,119,839</b>	<b>\$1,337,074</b>	<b>\$4,456,913</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,119,839</b>	<b>\$1,337,074</b>	<b>\$4,456,913</b>
<b>Element 7: Right of Way Capital</b>										
3122-3522	Feature 3: Right of Way (Capital)	\$1,834,592	\$786,254	\$2,620,845	\$0	\$0	\$0	\$1,834,592	\$786,254	\$2,620,845
<b>Subtotal Element 7</b>		<b>\$1,834,592</b>	<b>\$786,254</b>	<b>\$2,620,845</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,834,592</b>	<b>\$786,254</b>	<b>\$2,620,845</b>
<b>TOTAL ALL ELEMENTS</b>		<b>\$47,375,691</b>	<b>\$20,445,271</b>	<b>\$67,820,962</b>	<b>-\$22,625,901</b>	<b>-\$9,696,815</b>	<b>-\$32,322,716</b>	<b>\$24,749,790</b>	<b>\$10,748,456</b>	<b>\$35,498,246</b>

[1] Reflective of the Overall Work Plan Budget included in the 4th QWP for the Upper Yuba River Levee Improvement Project funding agreement dated May 28, 2010.

**4. 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 5<sup>th</sup> Quarter Work Plan:

<b>Quarterly Work Plan Summary</b>				
<b>Description</b>	<b>State Share</b>	<b>Local Share</b>	<b>Total</b>	<b>Local Credit Applied</b>
Element 7 - Land Acquisition	\$70,000	\$30,000	\$100,000	\$30,000
Elements 1 through 6	\$474,556	\$210,524	\$685,081	\$210,524
<b>Total</b>	<b>\$544,556</b>	<b>\$240,524</b>	<b>\$785,081</b>	<b>\$240,524</b>

<b>Quarterly Summary for Real Estate Activity</b>	
<b>State Share Element 7</b>	\$70,000
<b>Local Credit Applied Elements 1</b>	\$30,000
<b>Estimated Total Quarterly State Real Estate Funding</b>	\$100,000

<b>Quarterly State Share Advance Summary for Non-Real Estate Activity</b>	
<b>75% of State Share Elements 1 through 6</b>	\$355,917
<b>plus/minus State Share true-up for Prior Quarters [1]</b>	-\$5,589,792
<b>Total Advance for State Share at Start of 4<sup>th</sup> Quarter</b>	-\$5,233,875

[1] See Reconciliation of Prior State Funding.

<b>Quarterly Local Credit Summary for Non-Real Estate Activity</b>	
<b>Local Credit Elements 1 through 6</b>	\$210,524
<b>plus/minus Local Credit true-up for Prior Quarters [1]</b>	-\$3,455,260
<b>Total Advance for State Share at Start of 4<sup>th</sup> Quarter</b>	-\$3,244,736

[1] See Reconciliation of Prior State Funding.

**Reconciliation of State Advance Funding for Construction**

**As of 3rd Quarter - State Share**

Total Non-Real Estate Expenses (Elements 1 - 6) Through 3rd Quarter [1]	\$3,812,146
4th Quarter Total Forecasted Expenses [1]	\$1,550,293
State Share True-Up Calculations	
Total State Share of Above Expenses	\$3,753,708
Total State Funding Due (net of 10% Retention on Prior Expenses)	<b>\$3,378,337</b>
Funding To Date	
1st Quarter Advance	\$451,818
1st Quarter True-Up	\$70,578
2nd Quarter Advance	\$801,157
3rd Quarter Advance	\$1,981,246
2nd Quarter True-Up	\$53,088
4th Quarter Advance	\$3,468,242
3rd Quarter True-Up	\$160,754
4th Quarter Advance	\$1,981,246
Total State Share Funding Received and in Process	<b>\$8,968,129</b>
<b>Estimated State Share Construction Funding Due as of 4th Quarter</b>	<b>-\$5,589,792</b>

**As of 3rd Quarter - Local Share**

Local Share True-Up Calculations	
Local Share of Non RE Expenses to Date	\$1,608,732
Total Local Funding Credit Due	<b>\$1,608,732</b>
Funding To Date	
Local Credit Advanced (from 1st Quarter)	\$410,772
Local Credit Advanced (from 2nd Quarter)	\$343,623
Local Credit Advanced (from 3rd Quarter)	\$1,533,856
Local Credit True-Up (from 2nd Quarter)	\$152,747
Local Credit Advanced (from 4th Quarter)	<b>\$2,622,994</b>
Total Credit Funding Received	<b>\$5,063,992</b>
<b>Local Credit Due as of 4th Quarter</b>	<b>-\$3,455,260</b>

[1] 3rd Quarter QPR Costs Subject to review by DWR.

[2] 4th Quarter Expenses taking into consideration construction has been delayed.

- The following tables present Element and Feature level details for the 5th Quarterly Work Plan.

Summary of TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October/November/December 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%
<b>Quarterly Advance Request Elements (Not Including Real Estate)</b>													
Element 1: Flatten Waterside Levee Slope	\$1,004,007	\$702,805	\$301,202	\$720,178	\$504,125	\$216,053	\$283,829	\$198,680	\$85,149	\$0	\$0	\$0	\$0
Element 2: Pre-CEQA Determination Support	\$864,913	\$432,456	\$432,456	\$811,758	\$405,879	\$405,879	\$53,155	\$26,577	\$26,577	\$25,000	\$12,500	\$12,500	\$9,375
Element 3: Levee Improvements Support Work	\$9,069,407	\$6,358,585	\$2,710,822	\$4,822,478	\$3,375,735	\$1,446,743	\$4,246,928	\$2,982,850	\$1,264,079	\$485,000	\$339,500	\$145,500	\$254,625
Element 4: Levee Improvements Construction	\$9,800,000	\$6,924,000	\$2,876,000	\$17,678	\$12,375	\$5,303	\$9,782,322	\$6,911,625	\$2,870,697	\$0	\$0	\$0	\$0
Element 6: Admin & Overhead	\$4,456,913	\$3,119,839	\$1,337,074	\$545,927	\$382,149	\$163,778	\$3,910,986	\$2,737,690	\$1,173,296	\$175,081	\$122,556	\$52,524	\$91,917
Sub-Total Elements 1 through 6	\$25,195,239	\$17,537,685	\$7,657,554	\$6,918,020	\$4,680,262	\$2,237,758	\$18,277,219	\$12,857,423	\$5,419,797	\$685,081	\$474,556	\$210,524	\$355,917
<i>Element 5 Credit [Additional Credit to Come from other Element Expenses Incurred Prior to October 20, 2009 not Shown Here]</i>													
Element 5: Prior Completed Work	\$7,682,162	\$5,377,514	\$2,304,649	\$9,760,791	\$6,832,554	\$2,928,237	-\$2,078,629	-\$1,455,040	-\$623,589				
<b>Real Estate Forecast for Quarter</b>													
Element 7: Land Acquisition	\$2,620,845	\$1,834,592	\$786,254	\$2,159,558	\$1,511,691	\$647,868	\$461,287	\$322,901	\$138,386	\$100,000	\$70,000	\$30,000	
Subtotal Real Estate Forecast	\$2,620,845	\$1,834,592	\$786,254	\$2,159,558	\$1,511,691	\$647,868	\$461,287	\$322,901	\$138,386	\$100,000	\$70,000	\$30,000	
<b>Local Credit Reconciliation</b>													
<b>Quarterly Advance Calculation</b>							<b>Total Local Share of Eligible Expenses this Quarter</b>						
75% of State Share of Eligible Elements	\$355,917			\$210,524 (From Above)									
plus Local Share Subject to Credit	\$210,524			Estimated Total Local Credit									
<b>Total</b>	<b>\$566,442</b>			<b>\$6,619,616 (Approved Local Credit Amount)</b>									
<b>Note: Payments are subject to true-up for actual expenses.</b>													
Local Credit Advanced (from 1st Quarter)							\$410,772						
Local Credit Advanced (from 2nd Quarter)							\$343,623						
Local Credit Advanced (from 3rd Quarter)							\$1,533,856						
Local Credit True-Up (from 2nd Quarter)							\$152,747						
Local Credit Advanced (from 4th Quarter)							\$2,622,994						
Total Local Credit Received							\$5,063,992						
Remaining Local Credit							\$1,555,624						
Requested Local Credit to be Paid with Advance							\$210,524						
Credit Remaining After Advance							\$1,345,100						

"5Q YubaSumm"

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

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actual expenses.



TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period October/November/December 2010

ELEMENT 1

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>															
1.1: Design	70%	\$204,279	\$142,995	\$61,284	\$198,494	\$138,946	\$59,548	\$5,784	\$4,049	\$1,735	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%	\$0	\$0	\$0	0%
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%	\$176,492	\$123,545	\$52,948	\$171,833	\$120,283	\$51,550	\$4,659	\$3,261	\$1,398	3%	\$0	\$0	\$0	0%
1.5: Construction	70%	\$350,250	\$245,175	\$105,075	\$325,250	\$227,675	\$97,575	\$25,000	\$17,500	\$7,500	7%	\$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%
<b>Subtotal Element 1</b>		<b>\$1,004,007</b>	<b>\$702,805</b>	<b>\$301,202</b>	<b>\$720,178</b>	<b>\$504,125</b>	<b>\$216,053</b>	<b>\$283,829</b>	<b>\$198,680</b>	<b>\$85,149</b>	<b>28%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>

"5QYubaElem1"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period October/November/December 2010

ELEMENT 2

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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)														
<b>Element 2: Levee Improvements (Slurry Wall &amp; Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts</b>															
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	\$397,059	\$198,529	\$198,529	\$53,083	\$26,542	\$26,542	12%	\$25,000	\$12,500	\$12,500	47%
<b>Subtotal Element 2</b>		<b>\$864,913</b>	<b>\$432,456</b>	<b>\$432,456</b>	<b>\$811,758</b>	<b>\$405,879</b>	<b>\$405,879</b>	<b>\$53,155</b>	<b>\$26,577</b>	<b>\$26,577</b>	<b>6%</b>	<b>\$25,000</b>	<b>\$12,500</b>	<b>\$12,500</b>	<b>47%</b>

"5Q YubaElem2"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period October/November/December 2010

ELEMENT 3

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>															
3-2.3: Preliminary Design	70%	\$1,378,778	\$965,145	\$413,633	\$1,368,300	\$957,810	\$410,490	\$10,478	\$7,335	\$3,144	1%	\$0	\$0	\$0	0%
3-2.4: Permitting Preparation	70%	\$225,344	\$157,741	\$67,603	\$33,937	\$23,756	\$10,181	\$191,407	\$133,985	\$57,422	85%	\$0	\$0	\$0	0%
3-2.5: Right of Way Support	70%	\$2,000,000	\$1,400,000	\$600,000	\$790,801	\$553,561	\$237,240	\$1,209,199	\$846,439	\$362,760	60%	\$180,000	\$126,000	\$54,000	15%
3.1: Final Design	70%	\$2,279,307	\$1,605,515	\$673,792	\$2,048,022	\$1,433,615	\$614,407	\$231,285	\$171,900	\$59,386	10%	\$25,000	\$17,500	\$7,500	11%
3.2: Permitting	70%	\$702,461	\$491,723	\$210,738	\$364,559	\$255,191	\$109,368	\$337,902	\$236,532	\$101,371	48%	\$175,000	\$122,500	\$52,500	52%
3.4: Construction Management	70%	\$1,925,000	\$1,347,500	\$577,500	\$75,000	\$52,500	\$22,500	\$1,850,000	\$1,295,000	\$555,000	96%	\$5,000	\$3,500	\$1,500	0%
3.5: Environmental Mitigation	70%	\$369,097	\$258,368	\$110,729	\$141,486	\$99,040	\$42,446	\$227,611	\$159,328	\$68,283	62%	\$100,000	\$70,000	\$30,000	44%
3.6: O&M Manual addendum	70%	\$189,419	\$132,593	\$56,826	\$374	\$262	\$112	\$189,045	\$132,331	\$56,713	100%	\$0	\$0	\$0	0%
<b>Subtotal Element 3</b>		<b>\$9,069,407</b>	<b>\$6,358,585</b>	<b>\$2,710,822</b>	<b>\$4,822,478</b>	<b>\$3,375,735</b>	<b>\$1,446,743</b>	<b>\$4,246,928</b>	<b>\$2,982,850</b>	<b>\$1,264,079</b>	<b>47%</b>	<b>\$485,000</b>	<b>\$339,500</b>	<b>\$145,500</b>	<b>11%</b>

"5QYubaElem3"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October/November/December 2010

ELEMENT 4

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59</b>															
4.1 - Construction	70%	\$9,800,000	\$6,924,000	\$2,876,000	\$17,678	\$12,375	\$5,303	\$9,782,322	\$6,911,625	\$2,870,697	100%	\$0	\$0	\$0	0%
<b>Subtotal Element 4</b>		<b>\$9,800,000</b>	<b>\$6,924,000</b>	<b>\$2,876,000</b>	<b>\$17,678</b>	<b>\$12,375</b>	<b>\$5,303</b>	<b>\$9,782,322</b>	<b>\$6,911,625</b>	<b>\$2,870,697</b>	<b>100%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>

"5QYubaElem4"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October/November/December 2010

ELEMENT 5

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>Element 5: Prior Completed Work</b>															
5.1 - Prior Completed Work	70%	\$7,682,162	\$5,377,514	\$2,304,649	\$9,760,791	\$6,832,554	\$2,928,237	-\$2,078,629	-\$1,455,040	-\$623,589	-27%	\$0	\$0	\$0	0%
<b>Subtotal Element 5</b>		<b>\$7,682,162</b>	<b>\$5,377,514</b>	<b>\$2,304,649</b>	<b>\$9,760,791</b>	<b>\$6,832,554</b>	<b>\$2,928,237</b>	<b>-\$2,078,629</b>	<b>-\$1,455,040</b>	<b>-\$623,589</b>	<b>-27%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>

"5QYubaElem5"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October/November/December 2010

ELEMENT 6

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>community</b>															
<b>relations support, land management support,</b>															
6.1 - TRLIA Salaries/Benefits	70%	\$1,270,714	\$889,500	\$381,214	\$184,917	\$129,442	\$55,475	\$1,085,797	\$760,058	\$325,739	85%	\$49,575	\$34,702	\$14,872	5%
6.2 - TRLIA Consultant Exp.	70%	\$1,260,377	\$882,264	\$378,113	\$200,677	\$140,474	\$60,203	\$1,059,699	\$741,789	\$317,910	84%	\$72,296	\$50,607	\$21,689	7%
6.3 - TRLIA Legal Support	70%	\$1,044,235	\$730,964	\$313,270	\$114,764	\$80,335	\$34,429	\$929,470	\$650,629	\$278,841	89%	\$30,984	\$21,689	\$9,295	3%
6.4 - TRLIA Travel Expenses	70%	\$9,992	\$6,995	\$2,998	\$424	\$297	\$127	\$9,568	\$6,698	\$2,870	96%	\$330	\$231	\$99	3%
6.5 - TRLIA General Expenses	70%	\$356,643	\$249,650	\$106,993	\$34,217	\$23,952	\$10,265	\$322,426	\$225,698	\$96,728	90%	\$20,656	\$14,459	\$6,197	6%
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	\$0	0%
6.7 - TRLIA Travel - Vehicle Leas	70%	\$26,714	\$18,700	\$8,014	\$3,866	\$2,706	\$1,160	\$22,848	\$15,994	\$6,854	86%	\$1,239	\$868	\$372	5%
6.8 - TRLIA Memberships	70%	\$19,119	\$13,383	\$5,736	\$0	\$0	\$0	\$19,119	\$13,383	\$5,736	100%	\$0	\$0	\$0	0%
<b>Subtotal Element 6</b>		<b>\$4,456,913</b>	<b>\$3,119,839</b>	<b>\$1,337,074</b>	<b>\$545,927</b>	<b>\$382,149</b>	<b>\$163,778</b>	<b>\$3,910,986</b>	<b>\$2,737,690</b>	<b>\$1,173,296</b>	<b>88%</b>	<b>\$175,081</b>	<b>\$122,556</b>	<b>\$52,524</b>	<b>4%</b>

"5QYubaElem6"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October/November/December 2010

ELEMENT 7

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (September 2010) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	5th 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	
<b>Element 7: Right of Way Capital</b>															
7-3.3 - Right of Way Capital	70%	\$2,620,845	\$1,834,592	\$786,254	\$2,159,558	\$1,511,691	\$647,868	\$461,287	\$322,901	\$138,386	18%	\$100,000	\$70,000	\$30,000	22%
<b>Subtotal Element 7</b>		<b>\$2,620,845</b>	<b>\$1,834,592</b>	<b>\$786,254</b>	<b>\$2,159,558</b>	<b>\$1,511,691</b>	<b>\$647,868</b>	<b>\$461,287</b>	<b>\$322,901</b>	<b>\$138,386</b>	<b>18%</b>	<b>\$100,000</b>	<b>\$70,000</b>	<b>\$30,000</b>	<b>22%</b>

"5QYubaElem7"

[1] Revised per this Upper Yuba 5th Quarterly Work Plan.

[2] Reflects estimated expenses through the 4th Quarter based on prior actual expenses through June 31, 2010 and estimated of expenses from July to September based on the 4th Quarterly Work Plan with necessary adjustments based on actuals expenses.

**6. Schedule Information by Project Element:** Shown in the figure below is an updated Exhibit A (overall project schedule). This project schedule is an updated version from the 4<sup>th</sup> Quarterly Work Plan that was submitted on May 28, 2010.

Project Elements and Features	2009												2010												2011												2012																								
	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	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	Blue																																																												
Feature 2: Permitting	Blue																																																												
Feature 3: Right of Way	Blue																																																												
Feature 4: Construction Management		Blue			Yellow																																																								
Feature 5: Construction		Blue			Yellow																																																								
Feature 6: O&M Manual addendum																																																													
<b>Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts</b>																																																													
Feature 1: Alternatives Analysis	Blue												Green																																																
Feature 2: CEQA / NEPA	Blue												Green																																																
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>																																																													
Feature 2.3: Preliminary Design	Blue																																																												
Feature 2.4: Permitting Preparation	Blue																																																												
Feature 2.5: Right of Way		Blue			Yellow																																																								
Feature 1: Design		Blue			Yellow																																																								
Feature 2: Permitting		Blue			Yellow																																																								
Feature 4: Construction Management																																																													
Feature 5: Environmental Mitigation																																																													
Feature 6: O&M Manual Addendum																																																													
<b>Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59</b>																																																													
Feature 1 - Construction																																																													
<b>Element 5: Prior Completed Work</b>																																																													
Feature 1 – Prior Work	Blue												Yellow																																																
<b>Element 6: Project Management, legal support, community relations support, land management support, and overhead [5]</b>																																																													
Feature 1 - TRLIA Salaries/Benefits	Blue																								Yellow			Green																																	
Feature 2 - TRLIA Consultant Exp.	Blue																								Yellow			Green																																	
Feature 3 - TRLIA Legal Support	Blue																								Yellow			Green																																	
Feature 4 - TRLIA Travel Expenses	Blue																								Yellow			Green																																	
Feature 5 - TRLIA General Expenses	Blue																								Yellow			Green																																	
Feature 6 - TRLIA Insurance	Blue																								Yellow			Green																																	
Feature 7 - TRLIA Travel	Blue																								Yellow			Green																																	
Feature 8 - TRLIA Memberships	Blue																								Yellow			Green																																	

**Blue:** Original **Pattern:** Not Viable **Yellow:** Prior Quarter Adjustments **Green:** Changes this quarter



- **A discussion on how the projected schedule compares to original or last reported schedule:**
  - **Element 2 Feature 2:** Schedule extended to September 2010 for NEPA actions
  - **Element 3 Feature 2:** Schedule extended to December 2011 for FEMA Accreditation
  - **Element 3 Feature 4:** Schedule extended to November 2011 due to construction work being moved to 2011
  - **Element 3 Feature 5:** Adjusted schedule to reflect F&WS B.O. being received in September 2010
  - **Element 3 Feature 6:** Moved O&M Manual Addendum to 2011 to parallel construction work being moved to 2011
  - **Element 4 Feature 1:** Schedule further extended into 2011 to reflect late construction start in 2010 due to federal permitting process.
  - **Element 6 Features 1-8:** Schedule extended to December 2011
- **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 August 31, 2010

**Upper Yuba River Levee: Remaining Work**

<b>PERMITTING AGENCY</b>	<b>PERMIT</b>	<b>PERMIT NEEDED (Y/N)</b>	<b>PROJECTED START and COMPLETION DATES</b>
Central Valley Flood Protection Board	Encroachment Permits	Yes	<ul style="list-style-type: none"> <li>• Encroachment Permit Application Submitted February 3, 2010</li> <li>• <b><i>CVFPB approved the permit July 22, 2010</i></b></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> <li>• <b><i>No permit required letter received from Corps on June 7, 2010.</i></b></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>• <b><i>Project 408 Approval, Anticipated September 2010</i></b></li> </ul>
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	No	<ul style="list-style-type: none"> <li>• Project is above the OHWM and no sediment will discharge to waters of California</li> <li>• <b><i>No 404 permit triggering 401 compliance.</i></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><i>June 2010</i></b></li> <li>• Permit Received <b><i>July 26, 2010</i></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><i>Authority Anticipated April 2011</i></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>• <b><i>BO issued August 16, 2010</i></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><b>Corps' Consultation Request Date June 2010</b></li> <li><b>Projected Completion September 2010</b></li> </ul>

Reclamation District 784 (RD 784)	Encroachment Permit	Yes	<ul style="list-style-type: none"> <li>• Encroachment Permit Application endorsed March 2, 2010</li> </ul>
Yuba County	Grading Permit	Yes	<ul style="list-style-type: none"> <li>• Application Submission April 2010</li> <li>• <b>Permit anticipated April 2010</b></li> </ul>
State Mining and Geology Board (SMGB)	SMARA Permit	No	<ul style="list-style-type: none"> <li>• <b>Received SMGB exemption letter on May 18, 2010</b></li> <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>• <b>Projected completion September 2010</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>LATE 2010</b></li> </ul>
Operations, Maintenance, Repair, Replacement, & Rehabilitation Agreement	CVFPB Agreement	Yes	<ul style="list-style-type: none"> <li>• Anticipate Agreement Spring 2011</li> </ul>

**Attachment 3 - UYLIP Bid Results**

Three Rivers Levee Improvement Authority Upper Yuba Levee Improvement Project (South Levee) Simpson Lane to Yuba Goldfields											
											Bid Date: 8/26/2010
				Engineer's Estimate		Magnus Pacific		DeSilva Gates		Nordic Industries	
<b>BID SCHEDULE A</b>											
Line Item	Item Description	Estimated Quantity	Units	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
A1	Mobilization and Demobilization	1	LS	\$664,002.00	\$664,100.00	\$380,000.00	\$380,000.00	\$430,000.00	\$430,000.00	\$403,975.25	\$403,975.25
A2	Traffic Control	1	LS	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
A3.1	SWPPP Silt Fence	45,000	LF	\$1.50	\$67,500.00	\$1.60	\$72,000.00	\$2.00	\$90,000.00	\$1.80	\$81,000.00
A3.2	SWPPP Straw Wattle	10,000	LF	\$11.40	\$114,000.00	\$2.50	\$25,000.00	\$2.00	\$20,000.00	\$1.90	\$19,000.00
A3.3	SWPPP Stabilized Construction Entrance	4	EA	\$3,000.00	\$12,000.00	\$2,800.00	\$11,200.00	\$5,000.00	\$20,000.00	\$4,000.00	\$16,000.00
A3.4	Erosion Control (Borrow Site)	1	LS	\$5,000.00	\$5,000.00	\$150,000.00	\$150,000.00	\$20,000.00	\$20,000.00	\$20,500.00	\$20,500.00
A3.5	K-Rail	140	LF	\$34.20	\$4,800.00	\$54.00	\$7,560.00	\$50.00	\$7,000.00	\$45.00	\$6,300.00
A4	Clearing and Grubbing	1	LS	\$28,000.00	\$28,000.00	\$100,000.00	\$100,000.00	\$225,000.00	\$225,000.00	\$100,000.00	\$100,000.00
A5	Topsoil Stripping (Levee, Berm, and Borrow Areas)	125	AC	\$3,000.00	\$376,325.84	\$2,600.00	\$325,000.00	\$1,200.00	\$150,000.00	\$2,500.00	\$312,500.00
A6	Levee Excavation (Levee Degrade and Initial Cap)	135,479	CY	\$5.00	\$677,400.00	\$3.15	\$426,758.85	\$6.00	\$812,874.00	\$4.25	\$575,785.75
A7	Temporary Water Main	1	LS	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$25,000.00	\$25,000.00	\$18,750.00	\$18,750.00
A8	Seepage and Stability Berm	52,829	CY	\$10.00	\$528,300.00	\$1.00	\$52,829.00	\$1.00	\$52,829.00	\$2.00	\$105,658.00
A8.1	Slurry Wall Trench Spoils	50,000	CY	\$7.50	\$375,000.00	\$2.50	\$125,000.00	\$1.00	\$50,000.00	\$0.25	\$12,500.00
A9	Slurry Wall Construction [S]	897,500	SF	\$7.00	\$6,282,500.00	\$3.62	\$3,248,950.00	\$4.35	\$3,904,125.00	\$4.61	\$4,137,475.00
A10	Excavation and Haul (Borrow Site)	144,803	CY	\$5.00	\$724,100.00	\$3.15	\$456,129.45	\$3.00	\$434,409.00	\$6.00	\$868,818.00
A11	Fill - Levee Embankment (From Borrow Site)	144,803	CY	\$10.00	\$1,448,100.00	\$1.25	\$181,003.75	\$3.00	\$434,409.00	\$8.00	\$1,158,424.00
A12	Fill - Levee Embankment (From Import)	36,201	CY	\$30.00	\$905,100.00	\$5.75	\$208,155.75	\$1.00	\$36,201.00	\$5.00	\$181,005.00
A13	DIP Watermain	140	LF	\$65.00	\$9,100.00	\$78.00	\$10,920.00	\$200.00	\$28,000.00	\$150.00	\$21,000.00
A13.1	12-inch Irrigation Service	177	LF	\$35.00	\$6,200.00	\$78.00	\$13,806.00	\$200.00	\$35,400.00	\$150.00	\$26,550.00
A13.2	18-inch Irrigation Service	170	LF	\$45.00	\$7,700.00	\$75.00	\$12,750.00	\$300.00	\$51,000.00	\$250.00	\$42,500.00
A14	Dantoni Road - Sawcut	75	LF	\$11.00	\$900.00	\$5.00	\$375.00	\$10.00	\$750.00	\$35.00	\$2,625.00
A15	Dantoni Road - AC/AB Demolition	353	SY	\$10.00	\$3,600.00	\$12.00	\$4,236.00	\$10.00	\$3,530.00	\$15.00	\$5,295.00
A16	Dantoni Road - Lime Treatment	353	SY	\$15.00	\$5,400.00	\$42.00	\$14,826.00	\$50.00	\$17,650.00	\$25.00	\$8,825.00
A17	Dantoni Road - Bituminous Concrete Pavement	487	TN	\$85.00	\$41,500.00	\$135.00	\$65,745.00	\$100.00	\$48,700.00	\$115.00	\$56,005.00
A18	Aggregate Base	13,526	TN	\$34.00	\$459,900.00	\$14.50	\$196,127.00	\$20.00	\$270,520.00	\$14.50	\$196,127.00
A19	Pipe Gates	13	EA	\$3,000.00	\$39,000.00	\$3,400.00	\$44,200.00	\$3,000.00	\$39,000.00	\$3,665.00	\$47,645.00
A20	Signage	6	EA	\$400.00	\$2,400.00	\$822.00	\$4,932.00	\$300.00	\$1,800.00	\$250.00	\$1,500.00
A21	Erosion Control Seeding	150	AC	\$2,500.00	\$375,000.00	\$3,775.00	\$566,250.00	\$3,000.00	\$450,000.00	\$1,500.00	\$225,000.00
A22	Permanent Fencing	17,600	LF	\$4.50	\$79,200.00	\$3.60	\$63,360.00	\$3.00	\$52,800.00	\$3.00	\$52,800.00
A23	Reclaim Borrow Site	1	LS	\$10,000.00	\$10,000.00	\$200,000.00	\$200,000.00	\$333,635.00	\$333,635.00	\$100,000.00	\$100,000.00
A24	Haul & Waste (Unsuitable Material)	556	CY	\$7.50	\$4,200.00	\$9.00	\$5,004.00	\$10.00	\$5,560.00	\$32.00	\$17,792.00
<b>SUBTOTAL BID SCHEDULE A</b>					<b>\$13,276,325.84</b>		<b>\$7,029,117.80</b>		<b>\$8,075,192.00</b>		<b>\$8,846,355.00</b>
<b>BID SCHEDULE B</b>											
B1	Geotextile Fabric	16,777	SY	\$2.00	\$33,600.00	\$2.00	\$33,554.00	\$1.00	\$16,777.00	\$2.00	\$33,554.00
B2	Bedding Material	3,397	TN	\$35.00	\$119,000.00	\$31.00	\$105,307.00	\$30.00	\$101,910.00	\$16.00	\$54,352.00
B3	Rock Slope Protection	12,879	TN	\$40.00	\$515,200.00	\$29.00	\$373,491.00	\$35.00	\$450,765.00	\$15.00	\$193,185.00
<b>SUBTOTAL BID SCHEDULE B</b>					<b>\$667,800.00</b>		<b>\$512,352.00</b>		<b>\$569,452.00</b>		<b>\$281,091.00</b>
<b>GRAND TOTAL OF A + B</b>					<b>\$13,944,125.84</b>		<b>\$7,541,469.80</b>		<b>\$8,644,644.00</b>		<b>\$9,127,446.00</b>