



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

1. **1<sup>ST</sup> Quarterly Work plan for quarter: October 1 to December 31, 2009**
2. **Date of Report: November 6, 2009**
3. **1<sup>st</sup> Quarter Work Plan Summary:**

Work Currently Eligible for State Funding

Description	State Share	Local Share	Total
Element 1 – Flatten Waterside (70/30 split)	\$336,791	\$144,339	\$481,130
Element 2 Pre-CEQA Determination (50/50 split)	\$337,500	\$337,500	\$675,000
Elements 6 Upper Yuba Share of Overhead and Administration (70/30 split)	\$80,972	\$34,702	\$115,674
<b>Total</b>	<b>\$755,262</b>	<b>\$516,541</b>	<b>\$1,271,804</b>

Work Not Currently Eligible for State Funding

Description	State Share	Local Share	Total
Elements 3 Levee Improvement Support Work Post-CEQA Determination (70/30 split)	\$462,700	\$198,300	\$661,000
Element 4 Levee Improvement Construction	\$0	\$0	\$0
<b>Total</b>	<b>\$462,700</b>	<b>\$198,300</b>	<b>\$661,000</b>

Prior Work Eligible for State Funding provided as Credit toward Future Local Share

<b>Description</b>	<b>State Share</b>	<b>Local Share</b>	<b>Total</b>
Subtotal of Eligible Elements Expenses Available for Credit	\$7,625,838	\$3,550,809	\$11,176,647
<b>Credit Total</b>	<b>\$7,625,838</b>	<b>\$3,550,809</b>	<b>\$11,176,647</b>

<b>Quarterly Advance Summary</b>	
75% of State Share Elements 1 through 3 & 6	\$575,714
Local Share for Quarter	\$516,541
Local Credit Applied	\$516,541
<b>Total Quarterly State Advance to TRLIA</b>	<b>\$1,0925,255</b>

**4. Project Element Information:**

- **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 have been obtained. See for updated Overall Work Plan Tab D (Attachment 1)
- Feature 3 Right of Way: Construction easements will be acquired this quarter
- Feature 4 Construction Management: Construction management started this quarter and will continue through out the quarter.
- Feature 5 Construction: The approved design was competitively bid and awarded to Lorang Brothers for \$312,159.20. Construction work is scheduled to be completed this quarter.
- Feature 6: O&M Manual: No work is forecasted for this quarter

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

- Feature 1 Alternatives Analysis: Various alternatives (slurry walls, seepage berms, etc.) will be evaluated during this quarter
- Feature 2 CEQA/NEPA: Work on both CEQA and NEPA documents will be performed throughout the quarter.

- CVFPB requested the Corps of Engineers to work with TRLIA and begin environmental work for Federal permits. See Attachment 2.
- MWH will prepare a report on the effect of slurry walls on groundwater. Analysis will be used for environmental documents and design.
- Feature 3 Preliminary Design: Ongoing throughout quarter.
  - HDR, Kleinfelder, and MHM will be performing preliminary design analysis through out the quarter based on the environmental and soil/geotechnical data that is being gathered. Work includes:
    - Sonic Borings along levee crest to fill geotechnical data gaps will be performed
    - Potential soil borrow sites will be evaluated
  - A Board of Senior Consultants will be established this quarter to perform independent reviews of preliminary design and design.
- Feature 4 Permit Preparation: Work on Federal, State, and local permits are anticipated this quarter. See Attachment 3 for list of permits.
- Feature 5 Right of Way: Property access easements to over 30 parcels will be obtained this quarter for environmental investigations and soil/geotechnical testing.
- **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work**
  - Feature 1 Design: Some design work is anticipated this quarter in order to accelerate overall project construction completion. TRLIA understands that work on this feature is all local funded until the CEQA determination has been made. Any design work that is done not applicable to the CEQA alternative selected will remain all local funded.
  - Feature 2 Permitting: Work on Federal, State, and local permits are anticipated this quarter. See Attachment 3 for list of permits.
  - Feature 3 Right of Way:
  - Feature 4 Construction Management: No work is scheduled for this quarter.

- Feature 5 Environmental Mitigation: No work is scheduled for this quarter.
- 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 work is scheduled for this quarter.
- **Element 5: Prior Completed Work**
  - Feature 1 Prior Completed Work: During this quarter TRLIA will submit the 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
- **Environmental matters:**
  - **Project Element 2 & 3:** Working with the Corps to determine if NEPA EIS is needed, or if an EA with mitigated FONSI is sufficient. If an EIS is required, then TRLIA may opt to have separate CEQA and NEPA environmental documents.
- **Status of permits, easements, rights-of-way, and approvals as may be required by other State, federal, and/or local agencies:**
  - **Project Element 1:** All Permits and approvals have been acquired.
  - **Project Element 2 & 3:** See attachments 1 & 3.
- **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 Slope Flattening work (Project Element 1) is anticipated this quarter
  - DWR is anticipated to approve the TRLIA credit based on prior approved work (Project Element 5)

- MWH groundwater report is scheduled to be completed (Project Element 2)
- Board of Senior Consultants is scheduled to be established (Project Element 2)
- **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 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 work with funding recipients to find innovative methods to cash flow the levee improvements
  - Issue 2 – pertains to Project Elements 2, 3, & 4: The NEPA EIS or EA with Mitigated FONSI decision by the Corps will impact schedule, should an EIS be selected  
  
Recommended Solution: Corps selects EA with mitigated FONSI as being sufficient for this strengthen-in-place levee work.
- **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:

- **Projected costs compared to Overall Work Plan Budget**
  - **Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50**  
  
The primary costs to be incurred in the quarter are construction and construction management expenses. Construction is expected to be completed in November. An addendum to the O&M Manual will also take place. The total expenses for the quarter are expected to be \$481,000. As construction bids have come in significantly below the expected budget, the element is only expected to incur approximately 45% (\$805,200) of the entire budget (\$1.47 million) upon the works completion.

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

Adjustments have been made to the original budgets for Feature's 1 (Alternatives Analysis) and 3 (Preliminary Design) for this element. As a result of a more detailed review of the expenses incurred prior to finalization of Exhibit A, it was determined that cost incurred by TRLIA before August 2009 were related to these efforts and coded by TRLIA staff against these budget categories. As a result, it was determined that the budgets for these efforts were initially estimated too low. TRLIA has transferred budget from the Final Design efforts in Element 3 to account for these expenses.

The major costs to be incurred in the quarter are related to CEQA/NEPA document preparation, preliminary design efforts and permit preparation. The budget forecasted to be expended this quarter is \$675,000. This amount, in conjunction with prior expenses furthering Element 2 efforts, will result in having expended roughly 83% (\$2.02 million) of the Element's Budget (\$2.44 million).

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

A downward adjustment to the Final Design budget has been and this analysis reflects that budget adjustment.

The major costs to be incurred in the quarter will be related to furthering the Final Design of project and its ultimate permitting for construction. The budget forecasted to be expended this quarter is \$661,000. This amount, in conjunction with prior expenses furthering Element 3 efforts, will result in having expended roughly 8% (\$700,000) of the Element's Budget (\$9.3 million).

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

No work is expected to take place this quarter on Element 4.

➤ **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 \$115,000 of Overhead and Admin expenses in the quarter. After the quarter is complete, TRLIA will have expended roughly 4% of the Element 6 budget.

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

TRLIA is requesting that the following changes to the Overall Work Plan Budget be made at this time. The budget forecasts and reconciliations included within this report reflect these modifications.

- **Element 2**

- Feature 2.1: Alternatives Analysis, Revise the Total Budget up by \$50,000 to \$154,771
- Feature 2.3 Preliminary Design, Revised the Total Budget up by \$480,000 to \$1,168,778.

- **Element 3**

- Feature 3.1: Final Design, Revise the Total Budget down by \$530,000 to \$2,249,307

As explained in the discussion above, the purpose of these adjustments is to account for review by TRLIA of the prior expenses incurred and the coding of those expenses to the appropriate budget category. The detailed review of these expenses occurred after the Overall Work Plan Budget was developed and it was determined that the allocation of the budget within the Overall Work Plan to the various Features and Elements was incorrect.

- **The following tables provide a detailed break down of the Modified Overall Work Plan Budget.**

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	\$97,495	\$41,784	\$139,279	\$0	\$0	\$0	\$97,495	\$41,784	\$139,279
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	\$0	\$0	\$0	\$67,545	\$28,948	\$96,492
3120-3504	Feature 5: Construction	\$675,445	\$289,477	\$964,922	\$0	\$0	\$0	\$675,445	\$289,477	\$964,922
3120-3505	Feature 6: O&M Manual addendum	\$48,497	\$25,070	\$83,567	\$0	\$0	\$0	\$48,497	\$25,070	\$83,567
<b>Subtotal Element 1</b>		<b>\$1,031,575</b>	<b>\$442,103</b>	<b>\$1,473,678</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,031,575</b>	<b>\$442,103</b>	<b>\$1,473,678</b>
<b>Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts</b>										
3121-3510	Feature 1: Alternatives Analysis [4]	\$52,385	\$52,385	\$104,771	\$25,000	\$25,000	\$50,000	\$77,385	\$77,385	\$154,771
3121-3511	Feature 2: CEQA / NEPA [4]	\$60,071	\$60,071	\$120,142	\$0	\$0	\$0	\$60,071	\$60,071	\$120,142
3121-3512	Feature 3: Preliminary Design	\$482,145	\$206,633	\$688,778	\$336,000	\$144,000	\$480,000	\$818,145	\$350,633	\$1,168,778
3121-3513	Feature 4: Permitting Preparation	\$210,241	\$90,103	\$300,344	\$0	\$0	\$0	\$210,241	\$90,103	\$300,344
3121-3514	Feature 5: Right of Way	\$484,550	\$207,664	\$692,214	\$0	\$0	\$0	\$484,550	\$207,664	\$692,214
<b>Subtotal Element 2</b>		<b>\$1,289,392</b>	<b>\$616,857</b>	<b>\$1,906,250</b>	<b>\$361,000</b>	<b>\$169,000</b>	<b>\$530,000</b>	<b>\$1,650,392</b>	<b>\$785,857</b>	<b>\$2,436,250</b>
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>										
3122-3520	Feature 1: Final Design	\$1,945,515	\$833,792	\$2,779,307	-\$361,000	-\$169,000	-\$530,000	\$1,584,515	\$664,792	\$2,249,307
3122-3521	Feature 2: Permitting	\$491,723	\$210,738	\$702,461	\$0	\$0	\$0	\$491,723	\$210,738	\$702,461
3122-3522	Feature 3: Right of Way	\$484,550	\$207,664	\$692,214	\$0	\$0	\$0	\$484,550	\$207,664	\$692,214
3122-3523	Feature 4: 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 5: Environmental Mitigation	\$662,966	\$284,128	\$947,094	\$0	\$0	\$0	\$662,966	\$284,128	\$947,094
3122-3525	Feature 6: 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>\$6,852,629</b>	<b>\$2,936,841</b>	<b>\$9,789,470</b>	<b>-\$361,000</b>	<b>-\$169,000</b>	<b>-\$530,000</b>	<b>\$6,491,629</b>	<b>\$2,767,841</b>	<b>\$9,259,470</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	\$29,758,742	\$12,753,747	\$42,512,489	\$0	\$0	\$0	\$29,758,742	\$12,753,747	\$42,512,489
<b>Subtotal Element 4</b>		<b>\$29,758,742</b>	<b>\$12,753,747</b>	<b>\$42,512,489</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,758,742</b>	<b>\$12,753,747</b>	<b>\$42,512,489</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>TOTAL ALL ELEMENTS</b>		<b>\$47,429,691</b>	<b>\$20,391,271</b>	<b>\$67,820,962</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$47,429,691</b>	<b>\$20,391,271</b>	<b>\$67,820,962</b>

[1] Reflective of Overall Work Plan Budget included in Exhibit A to the Upper Yuba River Levee Improvement Project funding agreement.



➤ **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 1<sup>st</sup> Quarter Work Plan:

Work Currently Eligible for State Funding

Description	State Share	Local Share	Total
Element 1 – Flatten Waterside (70/30 split)	\$336,791	\$144,339	\$481,130
Element 2 Pre-CEQA Determination (50/50 split)	\$337,500	\$337,500	\$675,000
Elements 6 Upper Yuba Share of Overhead and Administration (70/30 split)	\$80,972	\$34,702	\$115,674
<b>Total</b>	<b>\$755,262</b>	<b>\$516,541</b>	<b>\$1,271,804</b>

Work Not Currently Eligible for State Funding

Description	State Share	Local Share	Total
Elements 3 Levee Improvement Support Work Post-CEQA Determination (70/30 split)	\$462,700	\$198,300	\$661,000
Element 4 Levee Improvement Construction	\$0	\$0	\$0
<b>Total</b>	<b>\$462,700</b>	<b>\$198,300</b>	<b>\$661,000</b>

Prior Work Eligible for State Funding provided as Credit toward Future Local Share

Description	State Share	Local Share	Total
Subtotal of Eligible Elements Expenses Available for Credit	\$7,625,838	\$3,550,809	\$11,176,647
<b>Credit Total</b>	<b>\$7,625,838</b>	<b>\$3,550,809</b>	<b>\$11,176,647</b>

<b>Quarterly Advance Summary</b>		
75% of State Share Elements 1 through 3 & 6		\$575,714
Local Share for Quarter		\$516,541
Local Credit Applied		\$516,541
<b>Total Quarterly State Advance to TRLIA</b>		<b>\$1,092,555</b>

The following tables present Element and Feature level details for the 1<sup>st</sup> Quarter work plan.

Summary of TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

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</b>													
<i>Eligible Elements</i>													
Element 1: Flatten Waterside Levee Slope	\$1,473,678	\$1,031,575	\$442,103	\$187,351	\$131,145	\$56,205	\$1,286,328	\$900,429	\$385,898	\$481,130	\$336,791	\$144,339	\$252,593
Element 2: Pre-CEQA Determination Support	\$2,436,250	\$1,650,392	\$785,857	\$1,351,574	\$675,787	\$675,787	\$1,084,676	\$974,605	\$110,070	\$675,000	\$337,500	\$337,500	\$253,125
Element 6: Admin & Overhead	\$3,575,325	\$2,502,728	\$1,072,598	\$23,545	\$16,482	\$7,064	\$3,551,780	\$2,486,246	\$1,065,534	\$115,674	\$80,972	\$34,702	\$69,996
<b>Sub-Total Eligible Elements</b>													
<b>Totals for Quarter Eligible for 75% Advance of State Share</b>										<b>\$1,271,804</b>	<b>\$755,262</b>	<b>\$516,541</b>	<b>\$575,714</b>
<i>In-Eligible Elements</i>													
Element 3: Levee Improvements Support Work	\$9,259,470	\$6,491,629	\$2,767,841	\$41,138	\$28,796	\$12,341	\$9,218,333	\$6,462,833	\$2,755,500	\$661,000	\$462,700	\$198,300	\$347,025
Element 4: Levee Improvements Construction	\$42,512,489	\$29,758,742	\$12,753,747	\$0	\$0	\$0	\$42,512,489	\$29,758,742	\$12,753,747	\$0	\$0	\$0	\$0
<b>Sub-Total Eligible Elements</b>										<b>\$661,000</b>			<b>\$347,025</b>
<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	\$9,992,028	\$6,994,420	\$2,997,608	-\$2,309,866	-\$1,616,906	-\$692,960				

**Local Credit Reconciliation**

<b>Quarterly Advance Request</b>		<b>Total Local Share of Expenses this Quarter</b>		\$516,541 (From Above)
75% of State Share	\$575,714	<b>Estimated Total Local Credit</b>	\$7,625,838	
plus Local Share Subject to Credit	\$516,541			
<b>Total</b>	<b>\$1,092,255</b>	<b>Total Local Credit Used</b>	<b>\$0</b>	
		<b>Remaining Local Credit</b>	<b>\$7,625,838</b>	
		<b>Requested Local Credit to be Paid with Advance</b>	<b>\$516,541</b>	
		<b>Credit Remaining After Advance</b>	<b>\$7,109,297</b>	

[1] Reflects Exhibit A of the Funding Agreement with the changes made in Elements 2 and 3 as noted on those respective tables.

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

"1QYubaSumm"

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 1

Elements and Features	State Share Percentage	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st 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 [3]	70%	\$139,279	\$97,495	\$41,784	\$152,939	\$107,057	\$45,882	-\$13,660	-\$9,562	-\$4,098	-10%	\$0	\$0	\$0	0%
1.2: Permitting	70%	\$167,134	\$116,994	\$50,140	\$1,869	\$1,308	\$561	\$165,265	\$115,686	\$49,580	99%	\$2,000	\$1,400	\$600	1%
1.3: Right of Way	70%	\$22,285	\$15,599	\$6,685	\$21,530	\$15,071	\$6,459	\$755	\$528	\$226	3%	\$755	\$528	\$226	100%
1.4: Construction Management	70%	\$96,492	\$67,545	\$28,948	\$11,013	\$7,709	\$3,304	\$85,479	\$59,835	\$25,644	89%	\$85,000	\$59,500	\$25,500	99%
1.5: Construction	70%	\$964,922	\$675,445	\$289,477	\$0	\$0	\$0	\$964,922	\$675,445	\$289,477	100%	\$343,375	\$240,363	\$103,013	36%
1.6: O&M Manual addendum	70%	\$83,567	\$58,497	\$25,070	\$0	\$0	\$0	\$83,567	\$58,497	\$25,070	100%	\$50,000	\$35,000	\$15,000	60%
<b>Subtotal Element 1</b>		<b>\$1,473,678</b>	<b>\$1,031,575</b>	<b>\$442,103</b>	<b>\$187,351</b>	<b>\$131,145</b>	<b>\$56,205</b>	<b>\$1,286,328</b>	<b>\$900,429</b>	<b>\$385,898</b>	<b>87%</b>	<b>\$481,130</b>	<b>\$336,791</b>	<b>\$144,339</b>	<b>37%</b>

"1QYubaElem1"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

[3] The prior incurred design costs for this feature exceeded the budget by less than 10% as result of coding prior costs to this feature rather than Element 5. No additional costs are forecasted to be incurred that would further impact the budget.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 2

Elements and Features	State Share Percentage[3]	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
		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	
<i>Formula</i>		(Initial)													
<b>Element 2: Levee Improvements (Slurry Wall &amp; Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts</b>															
2.1: Alternatives Analysis [4]	50%	\$154,771	\$77,385	\$77,385	\$150,919	\$75,459	\$75,459	\$3,852	\$1,926	\$1,926	2%	\$0	\$0	\$0	0%
2.2: CEQA / NEPA	50%	\$120,142	\$60,071	\$60,071	\$37,164	\$18,582	\$18,582	\$82,978	\$41,489	\$41,489	69%	\$45,000	\$22,500	\$22,500	54%
2.3: Preliminary Design [5]	50%	\$1,168,778	\$818,145	\$350,633	\$841,316	\$420,658	\$420,658	\$327,463	\$397,487	-\$70,024	28%	\$320,000	\$160,000	\$160,000	98%
2.4: Permitting Preparation	50%	\$300,344	\$210,241	\$90,103	\$162,530	\$81,265	\$81,265	\$137,814	\$128,976	\$8,838	46%	\$130,000	\$65,000	\$65,000	94%
2.5: Right of Way [6]	50%	\$692,214	\$484,550	\$207,664	\$159,645	\$79,823	\$79,823	\$532,569	\$404,727	\$127,842	77%	\$180,000	\$90,000	\$90,000	34%
<b>Subtotal Element 2</b>		<b>\$2,436,250</b>	<b>\$1,650,392</b>	<b>\$785,857</b>	<b>\$1,351,574</b>	<b>\$675,787</b>	<b>\$675,787</b>	<b>\$1,084,676</b>	<b>\$974,605</b>	<b>\$110,070</b>	<b>45%</b>	<b>\$675,000</b>	<b>\$337,500</b>	<b>\$337,500</b>	<b>62%</b>

"1QYubaElem2"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project (except for the modifications explained in notes 4 and 5 below)

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

[3] The initial state sharing percentage for this Element is 50% until CEQA approval, after CEQA approval features 3,4 and 5 will increase to a State cost share of 70%.

[4] An additional \$50,000 of budget has been added to this line item which has been transferred from the Final Design budget in Element 3.1.

[5] An additional \$480,000 of budget has been added to this line which has been transferred from the Final Design budget in Element 3.1.

[6] Right of Way Quarterly Projections include only support costs. Right of Way Capital will be funded by the State through the Land Acquisition process outlined within the funding agreement.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 3

Elements and Features	State Share Percentage	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st 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	
					[2]	[3]	<small>*Not less than zero</small>								
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>															
3.1: Final Design [3]	70%	\$2,249,307	\$1,584,515	\$664,792	\$41,138	\$28,796	\$12,341	\$2,208,170	\$1,555,719	\$652,451	98%	\$545,000	\$381,500	\$163,500	25%
3.2: Permitting	70%	\$702,461	\$491,723	\$210,738	\$0	\$0	\$0	\$702,461	\$491,723	\$210,738	100%	\$110,000	\$77,000	\$33,000	16%
3.3: Right of Way	70%	\$692,214	\$484,550	\$207,664	\$0	\$0	\$0	\$692,214	\$484,550	\$207,664	100%	\$0	\$0	\$0	0%
3.4: Construction Management	70%	\$4,478,975	\$3,135,282	\$1,343,692	\$0	\$0	\$0	\$4,478,975	\$3,135,282	\$1,343,692	100%	\$6,000	\$4,200	\$1,800	0%
3.5: Environmental Mitigation	70%	\$947,094	\$662,966	\$284,128	\$0	\$0	\$0	\$947,094	\$662,966	\$284,128	100%	\$0	\$0	\$0	0%
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%
<b>Subtotal Element 3</b>		<b>\$9,259,470</b>	<b>\$6,491,629</b>	<b>\$2,767,841</b>	<b>\$41,138</b>	<b>\$28,796</b>	<b>\$12,341</b>	<b>\$9,218,333</b>	<b>\$6,462,833</b>	<b>\$2,755,500</b>	<b>100%</b>	<b>\$661,000</b>	<b>\$462,700</b>	<b>\$198,300</b>	<b>7%</b>

"1QYubaElem3"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

[3] Reflects adjustments made by transferring budget to Element 2 Features 1 and 3 to make up differences in coding for expenses incurred prior to the October 20, 2009.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 4

Elements and Features	State Share Percentage	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st 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 [2]	f=axe [3]	g = e-f <small>*Not less than zero</small>	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%	\$42,512,489	\$29,758,742	\$12,753,747	\$0	\$0	\$0	\$42,512,489	\$29,758,742	\$12,753,747	100%	\$0	\$0	\$0	0%
<b>Subtotal Element 4</b>		<b>\$42,512,489</b>	<b>\$29,758,742</b>	<b>\$12,753,747</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$42,512,489</b>	<b>\$29,758,742</b>	<b>\$12,753,747</b>	<b>100%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>

"1QYubaElem4"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 5

Elements and Features	State Share Percentage	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st 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 <small>[2]</small>	f=axe <small>[3]</small>	g = e-f <small>*Not less than zero</small>	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	\$9,992,028	\$6,994,420	\$2,997,608	-\$2,309,866	-\$1,616,906	-\$692,960	-30%	\$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>\$9,992,028</b>	<b>\$6,994,420</b>	<b>\$2,997,608</b>	<b>-\$2,309,866</b>	<b>-\$1,616,906</b>	<b>-\$692,960</b>	<b>-30%</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>

"1QYubaElem5"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.

TRLIA Quarterly Work Plan Budget  
Upper Yuba

For Period October / November / December 2009

ELEMENT 6

Elements and Features	State Share Percentage	Overall Budget [1]			Estimated Cumulative Expenses (September 2009) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	1st 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=axe	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
			<small>*Based on Overall Workplan</small>		[2]	[3]	<small>*Not less than zero</small>								
<b>community relations support, land management support, and</b>															
6.1 - TRLIA Salaries/Benefits	70%	\$1,270,714	\$889,500	\$381,214	\$0	\$0	\$0	\$1,270,714	\$889,500	\$381,214	100%	\$41,312	\$28,918	\$12,394	3%
6.2 - TRLIA Consultant Exp.	70%	\$1,260,377	\$882,264	\$378,113	\$1,495	\$1,046	\$448	\$1,258,882	\$881,217	\$377,665	100%	\$33,050	\$23,135	\$9,915	3%
6.3 - TRLIA Legal Support	70%	\$1,044,235	\$730,964	\$313,270	\$22,051	\$15,436	\$6,615	\$1,022,184	\$715,529	\$306,655	98%	\$41,312	\$28,918	\$12,394	4%
6.4 - TRLIA Travel Expenses	70%	\$9,992	\$6,995	\$2,998	\$0	\$0	\$0	\$9,992	\$6,995	\$2,998	100%	\$207	\$145	\$62	2%
6.5 - TRLIA General Expenses	70%	\$356,643	\$249,650	\$106,993	\$2,649	\$1,854	\$795	\$353,995	\$247,796	\$106,198	99%	\$16,525	\$11,567	\$4,957	5%
6.6 - TRLIA Insurance	70%	\$469,119	\$328,383	\$140,736	\$0	\$0	\$0	\$469,119	\$328,383	\$140,736	100%	\$0	\$0	\$0	0%
6.7 - TRLIA Travel - Vehicle Lease	70%	\$26,714	\$18,700	\$8,014	\$0	\$0	\$0	\$26,714	\$18,700	\$8,014	100%	\$920	\$644	\$276	3%
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>\$3,575,325</b>	<b>\$2,502,728</b>	<b>\$1,072,598</b>	<b>\$23,545</b>	<b>\$16,482</b>	<b>\$7,064</b>	<b>\$3,551,780</b>	<b>\$2,486,246</b>	<b>\$1,065,534</b>	<b>99%</b>	<b>\$115,674</b>	<b>\$80,972</b>	<b>\$34,702</b>	<b>3%</b>

"1QYubaElem6"

[1] As reflected in Exhibit A of the Funding Agreement for the Upper Yuba Levee Improvement Project

[2] Reflects the estimated amount of costs incurred through October 20, 2009 based on prior actual expenses from November 2006 to August 31, 2009 and an estimate of expenses from September first for October 20, 2009.



### 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				
<b>Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50</b>																														
Feature 1: Design																														
Feature 2: Permitting																														
Feature 3: Right of Way																														
Feature 4: Construction Management																														
Feature 5: Construction																														
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																														
Feature 2: CEQA / NEPA																														
Feature 3: Preliminary Design																														
Feature 4: Permitting Preparation																														
Feature 5: Right of Way																														
<b>Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work</b>																														
Feature 1: Design																														
Feature 2: Permitting																														
Feature 3: Right of Way																														
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																														
<b>Element 6: Project Management, legal support, community relations support, land management support, and overhead [5]</b>																														
Feature 1 - TRLIA Salaries/Benefits																														
Feature 2 - TRLIA Consultant Exp.																														
Feature 3 - TRLIA Legal Support																														
Feature 4 - TRLIA Travel Expenses																														
Feature 5 - TRLIA General Expenses																														
Feature 6 - TRLIA Insurance																														
Feature 7 - TRLIA Travel																														
Feature 8 - TRLIA Memberships																														

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

- **A discussion on how the projected schedule compares to original or last reported schedule:** None
- **A list of any changes anticipated during the time period covered by the Quarterly Work Plan as compared to the latest reported schedule:** None

**7. Attachments:**

1. Updated Overall Work plan Tab D Project Element 1: Waterside slope flattening permit list
2. CVFPB letter to Corps dated August 3, 2009.
3. 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 October 28, 2009

Changes are bolded and in italics

#### Upper Yuba River Levee: Slope Flattening

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	STATUS/COMMENTS
Central Valley Flood Protection Board	Encroachment Permits	Yes	<i>Encroachment Permit 18095-R1 GM CVFPB was signed on Sept 25, 2009</i>
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	<i>Notice of Intent (NOI) and Storm water Pollution prevention Plan (SWPPP) was submitted and acceptance letter received Sept 2009</i>
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	<b>Issued Sept 25, 2009</b>
State Mining and Geology Board (SMGB)	SMARA Permit	Yes	<b>Will use current TRLIA SMARA permit (CA Mine #91-58-0026) that was issued Sept 22, 2009 for the Ella and Platter sites</b>
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

STATE OF CALIFORNIA – THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, GOVERNOR

### CENTRAL VALLEY FLOOD PROTECTION BOARD

3310 El Camino Ave., Rm. LL40  
SACRAMENTO, CA 95821  
(916) 574-0609 FAX: (916) 574-0682  
PERMITS: (916) 574-0685 FAX: (916) 574-0682



August 3, 2009

Colonel Thomas C. Chapman, P. E.  
District Engineer  
Sacramento District  
U. S. Army Corps of Engineers  
1325 J Street  
Sacramento, California 95814

RECEIVED

AUG 04 2009

TRLIA

Dear Colonel Chapman:

Three Rivers Levee Improvement Authority (TRLIA) has proposed a construction project that will address the seepage deficiencies, levee geometry correction and waterside slope protection of the Reclamation District (RD) 784 south levee system along Yuba River from Simpson Lane to the Yuba Goldfields in Yuba County. This levee system is a part of the much larger Federal Sacramento River Flood Control Project (SRFCP) that provides flood protection to the communities of Linda and Olivehurst.

On behalf of TRLIA, the Central Valley Flood Protection Board (Board) requests the U.S. Army Corps of Engineers (Corps), in cooperation with TRLIA and other federal agencies, to initiate a joint project-specific environmental review of the Upper Yuba River Levee Improvement Project (UYRLIP) to comply with the provisions of the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA). The Board also requests that the Corps act as the lead agency under NEPA. TRLIA will serve as the lead agency under CEQA.

Under UYRLIP, the goal is to address recently identified through and under seepage deficiencies, levee geometry correction, and waterside erosion protection to meet a minimum level of 200 year flood protection. The Board, on behalf of TRLIA, will seek approval from the Corps to make the necessary alterations to the levee system to achieve this goal.

Thank you for your attention to this request. We look forward to working with you, your staff, and TRLIA on this project. If you have any questions regarding this request, please call me at (916) 574-0609, or Dan Fua, Supervising Engineer of the Board, at (916) 574-0698.

Sincerely,

  
Jay S. Punia  
Executive Officer

cc: Mr. Paul G Brunner, P.E., Executive Director  
Three Rivers Levee Improvement Authority  
1114 Yuba City, Suite 218  
Marysville, California 95901

## Attachment 3

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

Status as of October 28, 2009

Changes are bolded and in italics

### Upper Yuba River Levee: Remaining Work

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	PROJECTED START and COMPLETION DATES
Central Valley Flood Protection Board	Encroachment Permits	Yes	<ul style="list-style-type: none"> <li>• Submission Date to Initiate Federal (408) Environmental Process July 2009</li> <li>• Encroachment Permit Application March/April 2010</li> <li>• Permit Issued May 2010</li> </ul>
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	<ul style="list-style-type: none"> <li>• Navigable waterways not affected</li> </ul>
Corps	Section 404 Permit	No*	<ul style="list-style-type: none"> <li>• Project is above the OHWM</li> <li>• Verification Request to Corps July 2009</li> </ul>
Corps	Wetlands Delineation	Yes*	<ul style="list-style-type: none"> <li>• Wetland Delineation Report Verification Request July 2009</li> <li>• Verification October 2009</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>• Corps 408 Environmental Initiation Projected July 2009</li> <li>• Project 408 Approval, April 2010</li> </ul>
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	Yes	<ul style="list-style-type: none"> <li>• Application October 2009</li> <li>• Permit Issued February 2010</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 March/April 2010</li> <li>• Permit Issued May 2010</li> </ul>
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	<ul style="list-style-type: none"> <li>• Submission of BMP's March/April 2010</li> <li>• Authority Issued May 2010</li> </ul>
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> <li>• Consultation Request Date Projected Sept 2009</li> <li>• Final BO Projected March 2010</li> </ul>

National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	Yes	<ul style="list-style-type: none"> <li>• Consultation Request Date Projected Sept 2009</li> <li>• Final BO Projected March 2010</li> </ul>
California Department of Fish and Game (DFG)	California Endangered Species Act Compliance (2081)	Yes	<ul style="list-style-type: none"> <li>• Application December 2009</li> <li>• Permit Issued May 2009</li> </ul>
DFG	Streambed Alteration Agreement	No	
California State Lands Commission (SLC)	Encroachment Permit	No	
California Department of Forestry	Conversion of timberland to other uses.	No	
The Resources Agency	Cancellation of Williamson Act Contract	No	
California Department of Transportation (Caltrans)	Encroachment on or across a State highway	No	
Native American Heritage Commission (NAHC)	Evaluation of effects on Native American burials or artifacts	Yes	<ul style="list-style-type: none"> <li>• Consultation Request Date Projected Sept 2009</li> <li>• Completion Projected January 2010</li> </ul>
State Office of Historic Preservation (SHPO)	Evaluation of effects on historic and cultural resources	Yes	<ul style="list-style-type: none"> <li>• Consultation Date Sept 2009</li> <li>• Projected Completion Jan 2010</li> </ul>
Reclamation District 784 (RD 784)	Encroachment Permit	Yes	<ul style="list-style-type: none"> <li>• Encroachment Permit Application signed March/April 2010</li> </ul>
Yuba County	Grading Permit	Yes	<ul style="list-style-type: none"> <li>• Application Submission April 2010</li> <li>• Permit Issued May 2010</li> </ul>
State Mining and Geology Board (SMGB)	SMARA Permit	No	<ul style="list-style-type: none"> <li>• Current approach is to make provision of off site borrow the responsibility of the contractor. May be able to use already TRLIA permitted site.</li> </ul>
CEQA	IS/MND	Yes	<ul style="list-style-type: none"> <li>• Initiation June 2009</li> <li>• Draft IS &amp; Mitigated Negative Declaration January 2010</li> <li>• CEQA Findings March 2010</li> </ul>
NEPA	EA/FONSI	Yes	<ul style="list-style-type: none"> <li>• Projected Completion Date March 2010</li> </ul>
Section 104 Credit	Future federal projects cost sharing	Yes	<ul style="list-style-type: none"> <li>• Application March/April 2010</li> <li>• <b>Projected Award May 2010</b></li> </ul>