



TRLIA
18th QUARTERLY WORK PLAN
FOR
UPPER YUBA RIVERLEVEE
IMPROVEMENT PROJECT

1. 18th Quarterly Work plan for quarter: January 1 to March 31, 2014
2. Date of Report: December 30, 2013
3. 18th Quarter Work Plan:

Quarterly Work Plan Summary				
Description	State Share	Local Share	Total	Local Credit Applied
Elements 7 & 9 - ROW Acquisition	\$420,000	\$180,000	\$600,000	\$0
Elements 1 through 6, 8 & 9	\$259,127	\$111,054	\$370,181	\$94,491
Total	\$679,127	\$291,054	\$970,181	\$94,491

Quarterly Summary for Real Estate Activity	
State Share Elements 7 & 9	\$420,000
Local Credit Applied Elements 1	\$0
Estimated Total Quarterly State Real Estate Funding	\$420,000

Quarterly State Share Advance Summary for Non-Real Estate Activity	
75% of State Share Elements 1 through 6, 8 & 9	\$194,345
plus/minus State Share true-up for Prior Quarters [1]	\$467,506
Total Advance for State Share at Start of 16th Quarter	\$661,851

[1] Estimated, see reconciliation of Prior State Funding.

Quarterly Local Credit Summary for Non-Real Estate Activity	
Local Credit Elements 1 through 6, 8 & 9	\$94,491
plus/minus Local Credit true-up for Prior Quarters [1]	\$619,600
Total Advance for Local Credit at Start of 16th Quarter	\$714,091

[1] See Reconciliation of Prior State Funding.

Reconciliation of State Advance Funding for Construction

**As of 17th Quarter - State Share: Based on 16th QPR plus 17th QWP
(as adjusted for schedule and other factors)**

Total Non-Real Estate Non-Creditable Expenses (Elements 1 – 6, 8 & 9) through 16th Quarter [1]	\$21,485,293
16th Quarter Total Non-Real Estate Forecasted Expenses [2]	\$458,583
Total Expenses Forecasted through 16th Quarter	\$21,943,876
State Share True-Up Calculations	
Total State Share of Above Expenses	\$15,506,836
Total State Funding Due (net of 10% Retention on Prior Expenses)	\$13,956,153
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
9th Quarter True-Up	\$429,363
10th Quarter True-Up	\$719,915
11th Quarter Advance	\$476,664
11th Quarter True-Up	\$582,451
12th Quarter True-Up	\$277,671
13th Quarter True-Up	\$1,075,072
14th Quarter True-Up	\$692,148
15th Quarter Advance	\$267,234
Total State Share Funding Received	\$13,488,647
Estimated State Share Construction Funding Due as of 17th Quarter	\$467,506

**As of 17th Quarter - Local Share: Based on 16th QPR plus 17th QWP
(as adjusted for schedule and other factors)**

Local Share True-Up Calculations	
Local Share of Above Forecasted Expenses	\$6,525,125
Total Local Funding Credit Due	\$6,525,125
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)	\$2,622,994
Local Credit True-Up (from 13th Quarter)	\$511,939
Local Credit True-Up (from 14th Quarter)	329,594
Total Credit Funding Received	\$5,905,525
Local Credit Due through 17th Quarter	\$619,600

[1] 15th & 16th Quarter QPR Costs Subject to review by DWR.

[2] 16th Quarter Forecasted Expenses adjusted for actual expenses.

4. Project Element Information:

At the request of DWR, restructuring of Project Elements and Features occurred during the preparation of the 4th 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 4th 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. Element 2 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 – Station 3+00 to 33+50**

- Feature 1 Design: This feature is **completed**.
- Feature 2 Permitting: This feature is **completed**.
- Feature 3 Right of Way: This feature is **completed**.
- Feature 4 Construction Management: This feature is **completed**.
- Feature 5 Construction: This feature is **completed**.
- Feature 6: O&M Manual: This feature is **completed**.

- **Project Element 1A: Levee Landside Improvement – Station 5+80 to 9+00**

- Feature 1 Design: This feature is **completed**.
- Feature 2 Permitting: This feature is **completed**.
- Feature 3 Right of Way Support: TRLIA will continue work on this feature during the 18th Quarter. See Element 7 below for property acquisition information.
- Feature 4 Construction Management:

- Limited construction management will continue in the 18th quarter in response to anticipated issues raised by the previous property owner during resolution of the current eminent domain case.
 - Feature 5 Construction: This feature is **completed**.
 - Feature 6: O&M Manual: The existing O&M Manual was revised to add the completed work and submitted to DWR and CVFPB for their review on February 14, 2013. TRLIA requested any comments by April 15, 2013. TRLIA coordinated with these agencies to determine the status of review. CVFPB commented that USACE Section 408 requirement for the UYLIP required that all O&M Addendums prepared by TRLIA for the recent RD 784 levee system improvements be combined into one comprehensive addendum for the RD 784 levee system. This will require TRLIA to combine the Phase 3 Bear Setback, Phase 4 Feather, and the Phase 1, Phase 2, and Phase 4 Yuba Addendums into one document. CVFPB supports the USACE requirement and asked for the combination also. TRLIA completed a draft combination of the addendums in the 17th quarter and submitted the draft to RD 784 for their review. TRLIA plans to revise the draft and submit to CVFPB and DWR in the 18th quarter. RD 784 will continue to use the revised June 2013 O&M addendum for ongoing O&M.
- **Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**
- Feature 1 Alternatives Analysis: This feature is **completed**
 - Feature 2 CEQA/NEPA: This feature is **completed**
 - Features 2.3, 2.4 and 2.5 (Preliminary Design, Preliminary Permitting and Preliminary Right of Way Support) have been moved to Element 3 at request of DWR. These changes were made in the 4th Quarterly Work Plan. 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. This feature is **completed**
- **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work**
- Feature 2.3 Preliminary Design: This feature is **completed**
 - Feature 2.4 Permit Preparation: This feature is **completed**
 - Feature 2.5 Right of Way Support: TRLIA real estate and legal consultants will be active during the 18th quarter finalizing right of way

needs for the project. See Element 7 below for property acquisition information.

- Feature 1 Design: This feature is **completed**.
- Feature 2 Permitting: See Attachment 1 for list of permits. Key items are listed below.
 - During the 18th quarter TRLIA will continue to support PG&E and the LCWD in obtaining CVFPB encroachment permits for utilities within the UYLIP embankment. CVFPB Staff prioritizes other applications since this work is complete and authorized and current applications are for work still to be done. It is unknown when the CVFPB Staff will find time to submit these applications to the Executive Officer for consideration.
 - ✓ PG&E Gas Line Modification – Modify an existing 2" PG&E gas line with current encroachment permit No. 3446. Line was raised and modified to meet current Title 23 Standards and is located at Station 138+00. Modification approved by CVFPB Letter of Authorization dated June 17, 2011 and was done in 2011. CVFPB Staff believes this permit falls under the recently expanded authority of the Executive Officer to approve. CVFPB staff proposes to submit this permit to the Executive Officer for his approval.
 - ✓ LCWD Water Main Modification – Modify an existing 6" Linda County Water District (LCWD) water line. The line was raised and modified to meet current Title 23 Standards and is located at Station 148+55. Modification approved by CVFPB Letter of Authorization dated July 28, 2011 and was done in 2011. CVFPB Staff believes this permit falls under the recently expanded authority of the Executive Officer to approve. CVFPB staff proposes to submit this permit to the Executive Officer for his approval.
 - 100-yr Hydraulic Analysis:
 - ✓ No work is anticipated during the 18th quarter. The Summary Supplement Report is expected to be submitted to FEMA in the 17th quarter. This Supplement will be to the May 2010 FEMA Certification Summary Report and will provide the information required to certify the Upper Reach of the Yuba South Levee for the 100-year flood.
- Feature 3 Right of Way: This feature was moved to Project Element 7 as requested by DWR. See May 28, 2010 4th Quarterly Work Plan.

- Feature 4 Construction Management: Limited activity is anticipated to occur during the 18th quarter to address items required by settlement of eminent domain settlements (e.g. Dan Luis settlement), and to oversee PG&E power line relocation work that is being done to support a TRLIA eminent domain settlement. The PG&E work is being done under CVFPB encroachment permit 18695.
- Feature 5 Environmental Mitigation:
 - The additional elderberry seedling plantings were planted in the 14th quarter. Maintenance to ensure their establishment will continue in the 18th quarter.
- Feature 6 O&M Manual Addendum: The existing O&M Manual was revised to add the completed work and submitted to DWR and CVFPB for their review on February 14, 2013. TRLIA requested any comments by April 15, 2013. TRLIA coordinated with these agencies to determine the status of review. CVFPB commented that USACE Section 408 requirement for the UYLIP required that all O&M Addendums prepared by TRLIA for the recent RD 784 levee system improvements be combined into one comprehensive addendum for the RD 784 levee system. This will require TRLIA to combine the Phase 3 Bear Setback, Phase 4 Feather, and the Phase 1, Phase 2, and Phase 4 Yuba Addendums into one document. CVFPB supports the USACE requirement and asked for the combination also. TRLIA completed a draft combination of the addendums in the 17th quarter and submitted the draft to RD 784 for their review. TRLIA plans to revise the draft and submit to CVFPB and DWR in the 18th quarter. RD 784 will continue to use the revised June 2013 O&M addendum for ongoing O&M.
- **Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction – Station 102+50 to 303+59**
 - Feature 1 Construction: This feature has been **completed**
- **Element 5: Prior Completed Work**
 - Feature 1 Prior Completed Work: This Element represents prior work approved through the UYLIP. No additional work will take place as part of this Element.
- **Element 6: Project Management, legal support, community relations support, land management support, and overhead**
 - Activity is anticipated in all Features during this quarter
 - TRLIA has shifted the allocation of its administration and overhead expenses to reflect an apportionment of these expenses to additional work TRLIA has underway in the Goldfields in addition to its EIP projects. The

projections for expenses allocated to the UYLIP for this quarter have been reduced to reflect a lower allocation. TRLIA will work to further update this allocation based upon additional work related to 200-Year compliance efforts throughout the TRLIA program during this quarter.

➤ **Element 7: Right of Way Capital**

- On November 21, 2013 the UYLIP funding agreement was amended for the 2nd time to extend the agreement date to September 30, 2015. The extension was due to the time needed to close real estate.
- Feature 7-3.3 Right of Way:
 - DWR approved the Upper Yuba River Real Estate Plan on June 28, 2010.
 - On March 5, 2012 TRLIA submitted Amendment No. 1 to the UYLIP project. Copy of the transmittal letter was included in the 14th Quarterly Progress Report. As of the date of the report, no response has been received from DWR on this submission.

This issue is listed in the Issue/Concerns portion of this report

- Land Transfer issues to be worked in the 18th quarter:
 - ✓ TRLIA will continue to negotiate with Western Aggregate on resolving their UYLIP EIP project and Goldfields concerns.

TRLIA has been in negotiations with Western Aggregates to acquire fee title to portions of the levee and O&M corridors owned by Western Aggregates. TRLIA offered to grant back railroad easements over the land that TRLIA seeks to acquire from Western Aggregates in fee, as Western Aggregates has stated that it hopes to use that land to eventually build a railroad spur for the transportation of aggregate from the Goldfields. DWR has agreed to allow these Western Aggregate easements to remain in place.

During TRLIA's Goldfields Flood Prevention discussions with Western Aggregates to do work on their property, Western Aggregate has requested TRLIA grant railroad easements not only on the properties that TRLIA seeks to acquire from Western Aggregates, but also along other sections of the Upper Yuba Project levee and O&M corridors where Western Aggregates does not currently have any ownership interest. TRLIA met with DWR officials about this request and DWR has advised in the 16th quarter that these easement discussions need to be done with the CVFPB. Anticipate additional discussions with CVFPB and DWR on this topic in the 18th quarter. This request for additional easements has significantly slowed down both the UYLIP and

Goldfields negotiations.

This issue is listed in the Issue/Concerns portion of this report

- ✓ TRLIA will be submitting Final Accounting Packages (FAP's) during the 18th quarter. Any cadastral issues, if any, that occur during the DWR review of the FAP's are anticipated to be resolved by the same method that is being proposed under the Feather River EIP project (e.g. use of Record of Survey).

- The following Real Estate actions are anticipated in the 18th quarter (January to March 2014):

- ✓ Acquisition being negotiated:

CVFPB	OWNER	STATUS OF ACQUISITION	STATUS OF F.A.P. (target to be submitted to DWR)	SETTLEMENT AMOUNT / TOTAL CLAIMED \$	STATE SHARE OF SETTLEMENT \$	INVOICED TO DATE \$	COMMENTS
14070	Michele R. Barker	Settlement Reached; not signed				64,750	Property owners are reviewing proposed cross-vee easement before signing the settlement agreement. The easement has been provided to the property owners' attorney.
14066	Richard G. Wilbur Trust	Litigation				16,100	Case management conference was held on November 4, 2013. A future case management conference is scheduled for February 3, 2014. No trial date set.
14065	Richard G. Wilbur Trust	Litigation					See comment for CVFPB 14066
14063	Anthony J. & Zelma B. Luis	Settlement Reached				11,200	Settlement agreement signed. Agreement has contingencies that we are working on. As a result, the eminent domain action is still pending until settlement contingencies are completed
14062	Ajit S. Bains & Maria Del Carmen	Litigation				15,050	Trial scheduled 2/14

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not assigned	Richard G. Wilbur	Litigation				see comments	See comment for CVFPB 14066
14050	Western Aggregates, LLC	Negotiation					TRLIA has offered to grant back railroad easement over properties it seeks to acquire in fee. Western responded that it wants additional railroad easements along other properties TRLIA has acquired. Parties are negotiating.
14074	Dunning Properties, LLC	Negotiation					TRLIA has been advised Western Aggregates owns the Dunning Brothers property. Accordingly, this property has the same issues as the other Western Aggregate Properties
not assigned	Western Aggregates, Inc	Negotiation					See comment for CVFPB 14050
not assigned	Dunning Bros	Negotiation					See comments for Western Aggregates parcels.
not assigned	Richard G. Wilbur	Negotiation					First Written Offer 3/7/13
not assigned	Richard G. Wilbur	Negotiation					First Written Offer 3/7/13
not assigned	Western Aggregates, et al	Negotiation					See comments for Western Aggregates parcels.
not assigned	Jason G. Allen	Litigation				Not invoiced yet	Mediation is scheduled for 12/18. Trial scheduled 3/14.

✓ Negotiated Acquisitions – The following parcels have been acquired. Final Accounting Packages are being prepared.

At BRI:

CVFPB	OWNER	STATUS OF ACQUISITION	STATUS OF F.A.P. (target to be submitted to DWR)	SETTLEMENT AMOUNT / TOTAL CLAIMED \$	STATE SHARE OF SETTLEMENT \$	INVOICED TO DATE \$	COMMENTS
14071	Shintaffer Farms, Inc.	In Escrow	19th Qtr	5,500	3,850	437	In escrow - Need Articles of Incorporation

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14067	Henry P. Smith	Complete	19th Qtr	64,000	44,800	22,400	Obtained Smith's signature on access easement; proceeding with acquisition
not assigned	Naumes, Inc.	Complete	17th Qtr	3,000	2,100	175	TCE Only
not assigned	Rahul, Surjit S. & Parmjit	Complete	17th Qtr	500	350	175	TCE Only
14064	Daniel J. Luis	Complete	18th Qtr	46,477	32,534	5,670	Judgment Obtained 2/14/13.
14056	Humam El Sharif	Complete	18th Qtr	2,100	1,470	Not invoiced yet	Judgment Obtained 2/14/13.
not assigned	Federal Fruit Distributors	Complete	18th Qtr	800	560	Not invoiced yet	Judgment Obtained 2/14/13.
14059	Stephanie Morris	In Escrow	18th Qtr	7,900	5,530	4,060	Escrow Opened 1-30-13. - Need Recon from Chase Bank
14061	Howard R Miller	In Escrow	19th Qtr	1,400	980	Not invoiced yet	IRS Liens on property are preventing close of escrow
14069	Awtar S. Sohal & Sukhvir K. Sohal, Co-Trustees	Complete	17th Qtr	41,500	29,050	21,788	
14054	Hust Bro. Inc. Pension Plan /Roy E. Lanza	Complete	18th Qtr	5,200	3,640	1,820	escrow closed and Recorded 5-2-2013; waiting for Final Policy of Title
not assigned	Orchard Growers	In Escrow	18th Qtr	500	350		7-31 Escrow Officer stated that they would be closing by August 30.

✓ At Downey Brand :

CVFPB	OWNER	STATUS OF ACQUISITION	STATUS OF F.A.P. (target to be submitted to DWR)	SETTLEMENT AMOUNT / TOTAL CLAIMED \$	STATE SHARE OF SETTLEMENT \$	INVOICED TO DATE \$	COMMENTS
14068	Walbinder S. Sohal Living Trust,	Complete	17th Qtr	598,500	418,950		TO DB 3/6/13
14072	Bhajan S. & Rajwant K. Sohal	Complete	17th Qtr	598,500	418,950		TO DB 3/6/13

✓ Final Accounting Packages at DWR:

CVFPB	OWNER	STATUS OF ACQUISITION	STATUS OF F.A.P. (target to be submitted to DWR)	SETTLEMENT AMOUNT / TOTAL CLAIMED \$	STATE SHARE OF SETTLEMENT \$	INVOICED TO DATE \$	COMMENTS
14060	Robert Glenn Wood	Complete	submitted	3,200	2,240	2,240	To DWR 4/17/13
14058	COF Quail Hollow Land 148T	Complete	submitted	34,750	24,325	24,325	To DWR 4/17/13
14053	Lothar S. & Brigitta M. Klug	Complete	submitted	2,800	1,960	1,960	To DWR 4/17/13
14052	Bernard J. Perez	Complete	submitted	10,350	7,245	7,245	To DWR 4/17/13
14055	Steve and Denise Gilbert	Complete	submitted	15,700			
14055	Steve and Denise Gilbert	Complete	submitted	5,500	14,840	14,840	To DWR 8/1/13
14051	Ronnie C. Willis	Complete	submitted	29,500	20,650	3,675	To DWR 10/11/13
14057	Orest and Irene Wesely	Complete	submitted	33,000	23,100	17,325	To DWR 10/11/13

✓ Status of Relocation Actions:

CVFPB #	Property Owner	Relocated Tenant	Status of Relocation	Amount of Relocation Benefits Paid	Comments
14064	Daniel J. Luis	Kimberly Fuller	Complete	\$42,550.47	
	Jason G. Allen	Bill and Marilyn Jensen	Complete	\$26,800.57	
	Jason G. Allen	Trevor Jensen and Sammantha Pettet	Complete	\$31,130.00	
	Jason G. Allen	Ed Widener	Complete	\$12,272.00	
	Jason G. Allen	Jack Fouse	Incomplete	\$0	No response from tenant, who moved from Park.
	Jason G. Allen	Les Begley	Complete	\$1,100.00	
	Jason G. Allen	Judy Cordova	Complete	\$13,672.66	
	Jason G. Allen	Sarah Fite	Complete	\$27,964.56	
	Jason G. Allen	David Haughton	In Progress	\$2,402.78	There are additional claims for rent differential and storage shed. These should be resolved in the 17th Quarter.

	Jason G. Allen	Jason G. Allen	In Progress	\$24,754.99	Relocation assistance appears to be complete, but condemnation action with Allen is still in progress.
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➤ **Element 8 Closeout Process:**

- 8 Feature 1: Closeout Process
 - On November 15th TRLIA submitted its initial draft of Closeout Documentation for the UYRLIP project for DWR’s review. As part of that submission, TRLIA requested a partial release of retention for the portion of the project that has been completed. During the 18th Quarter TRLIA will continue to work with DWR to process this retention release.

This issue is listed in the Issue/Concerns portion of this report.

➤ **Proposed Addition Element 9 WPIC 200-yr Standard:**

- During the 18th quarter TRLIA will continue to work with DWR to get this proposed Project Element approved.

The 15th QWP requested DWR to add Project Element 9 to the UYLIP Funding agreement. The 15th QWP contained a detailed breakout of the proposed additional work. To do this work the funding agreement will need to be extended to March 30, 2016.

DWR asked TRLIA to update the UYLIP Financial Plan and Area Plan to reflect the proposed work. TRLIA submitted these updated plans to DWR on May 20, 2013. After reviewing TRLIA’s submission DWR had additional comments before approving the proposed new project element.

During the 16th quarter TRLIA worked with DWR to address the additional comments. On October 29th TRLIA met with DWR and reached agreement on next steps. TRLIA prepared the outline below that was approved by DWR on November 6, 2013.

**Outline of Supplement Information for
Upper Yuba proposed additional WPIC work**

The supplement will have four sections:

Section 1: TRLIA will state that the identified initial reaches that require remediation are the same as the reaches identified in the DWR ULE Draft Report. The original TRLIA EIP Estimate will be revised to reflect the DWR ULE reach lengths. This Section of the supplement will identify the next stage of effort for remediation as design. It will be stated that the ULE reach lengths will be reviewed and revised as needed due to new and additional information gathered

during design. TRLIA has already started the design for the WPIC remediation. Additional explorations and testing has occurred. Some initial evaluations have been done which indicate that the reach lengths may need to be revised. The DWR ULE group has seen and informally commented on some of these early design evaluations. TRLIA will address and resolve these comments in the final design document as well as present all new geotechnical information and design analysis for a more formal review.

Section 2: TRLIA will quantify the amount of local (TRLIA) funds spent on the WPIC ULDC design thus far and will request credit for this effort in the Supplement.

Section 3: The DWR ULE evaluation of the WPIC did not address all the Urban Levee Design Criteria. TRLIA proposes to address all ULDC in this final remediation and has identified additional items needed to provide an adequate toe access corridor (including land acquisition). TRLIA will present these costs separately in the supplement.

Section 4: TRLIA will present the rationale for selection of a levee strengthening alternative versus a setback alternative for the WPIC.

TRLIA submitted the Supplemental document to DWR on November 7, 2013 – see the 16th Quarterly Progress Report of the Supplemental document.

This issue is listed in the Issue/Concerns portion of this report

- **Environmental matters:**
 - See Project Element 3 Feature 5 Environmental Mitigation above for this information
- **Status of permits, easements, rights-of-way, and approvals as may be required by other State, federal, and/or local agencies:**
 - **Element 3:** See attachment 1 for list.
 - **Proposed Element 9:** See attachment 2 for list
- **Major accomplishments planned for the quarter (i.e. tasks to be completed, milestones to be met, meetings to be held or attended, etc.);**
 - Project Element 8: A portion (at least 50%) of the UYLIP retention will be released to TRLIA in the 18th quarter.

- Proposed Project Element 9 – WPIC 200-yr Standard is approved by DWR to be added to the UYLIP work plan.

- **Issues/concerns that have, will, or could affect the schedule or budget, with a recommendation on how to correct the matter:**

- **Issue 1:** The Goal of the EIP program is to fund projects that have NO REGRETS to achieve 200-yr flood protection. Achieving 200-year flood protection has been an evolving process. Until recently there was no State or Federal 200-year levee design criteria. The California Department of Water Resources (DWR) developed the Urban Levee Design Criteria (ULDC) in May 2012 as required by Senate Bill (SB) 5. SB 5 calls for 200-year flood protection to be the minimum level of protection for urban and urbanizing areas in the Sacramento-San Joaquin Valley (i.e., the urban level of flood protection).

SB 5 also required that DWR evaluate the current level of performance of the State-Federal flood protection system in the Central Valley. The evaluation of current system performance is called the **Urban Levee Evaluation (ULE)** Program. The ULE Program was initiated in 2007 and started by gathering initial data for evaluation. This data included new levee topography, geotechnical explorations, geomorphologic assessments, electromagnetic surveys of the levee, and researching historic levee performance. TRLIA Staff has been coordinating with DWR since the ULE program began evaluating the RD 784 levees. The results of the ULE program are now just becoming final.

The UYLIP project was to be the final project TRLIA project for the TRLIA UYLIP Area Plan in order to achieve 200-yr flood protection. Additional proposed work is needed to achieve 200-yr flood protection due to the recent results of the state 200-yr Urban Levee Evaluation Program (ULE), which has produced findings after the UYLIP project was approved. **This additional work could not have been anticipated.**

Recommended Solution: DWR approval of the proposed addition of the proposed Project Element 9 – WPIC 200-yr Standard to the UYLIP funding agreement and the extension of the Funding Agreement to March 30, 2016.

- **Issue 2:** On March 5, 2012 TRLIA submitted Amendment No. 1 to the UYLIP Real Estate Plan. As of the date of this report, no response has been received from DWR on this submission.

Recommended Solution: DWR approve Amendment No. 1 to the UYLIP Real Estate Plan.

- **Issue 3:** During TRLIA's Goldfields Flood Prevention discussions with Western Aggregates to do work on their property, Western Aggregate has requested TRLIA grant railroad easements not only on the properties that

TRLIA seeks to acquire from Western Aggregates, but also along other sections of the Upper Yuba Project levee and O&M corridors where Western Aggregates does not currently have any ownership interest. In the 16th quarter, TRLIA met with DWR officials about this request and DWR has indicated that the CVFPB is the lead agency on this item. This request for additional easements has significantly slowed down both the UYLIP and Goldfields negotiations.

Recommended Solution: DWR support TRLIA as negotiations with the CVFPB transpire for the approval of the additional easement requests by Western Aggregate; so that the UYLIP and Goldfields negotiations can be completed.

- **Issue 4:** As previously noted, TRLIA submitted an initial draft of Project Closeout materials in electronic format for DWR's review. This Project Closeout Documentation report presents a compilation of all of the required project closeout documentation that has been prepared to date. As part of this submission, TRLIA presented a request for a partial release of retention of the work completed through 15th Quarter in the amount of \$2,448,160 less credit for interest earned State Funding in the amount of \$106,799 for a net release of \$2,341,361.

Recommended Solution: DWR review TRLIA's request and provide comments on the request and at the same time commence the process of a partial release of retention for those elements deemed complete.

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

- As noted above in Section 4, Element 9 was incorporated into the Overall Work Plan to reflect work associated 200-Year Compliance actions on the WPIC during the 15th Quarter. This QWP reflects this addition given the expectation that DWR will approve the work during the 17th Quarter.

- **Any litigation, proceedings or claims relating to the Project:** None

5. Cost Information by Project Element:

With the 5th QWP, TRLIA evaluated the Overall Work Plan Budget and prepared a comprehensive updated the budget from the UYRLIP project. This updated reflected construction on the completed work within Element 1 as well as the work bid for Elements 3&4. The updated budgets took into consideration the savings in construction costs as well other minor adjustments in the Overall Work Plan individual feature budgets. As part of the 6th QWP, TRLIA submitted a Revised Overall Work Plan Budget that made some corrections to the budget submitted as part of the 5th QWP. With the 9th Quarterly Work Plan, TRLIA incorporated Element 1A into the Project and provided an additional update to the Overall Work Plan Budget.

With the 15th QWP, as noted above, TRLIA incorporated additional amendments to the budget to reflect accurate costs for the project related features as well as added the budget for Elements 8 and 9, the cost associated with Close out efforts as well as work related to 200-Year Compliance Actions on the WPIC respectively. This work plan reflects all of those prior updates to the Overall Work Plan Budget.

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

TRLIA Proposes to shift the remaining budget within the completed Element 1 to Element 1A to adjust for the budget exceeded within the Construction, Construction Management within Element 1A. The budget adjustments are detailed below.

TRLIA Overall Work Plan Budget
Upper Yuba River Project Adjustment (Element 1 & 1A)

Project Elements and Features	Current Budget [1]			Proposed Budget Modification			Revised Overall Budget			
	State	Local	Total	State	Local	Total	State	Local	Total	
	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	Budget (\$)	
	[1]	[2]								
Element 1: Flatten Waterside Levee Slope – Sta 3+00 to 33+50										
3120-3500	Feature 1: Design	\$142,995	\$61,284	\$204,279	-\$3,500	-\$1,500	-\$5,000	\$139,495	\$59,784	\$199,279
3120-3501	Feature 2: Permitting	\$116,994	\$50,140	\$167,134	-\$82,600	-\$35,400	-\$118,000	\$34,394	\$14,740	\$49,134
3120-3502	Feature 3: Right of Way	\$15,599	\$6,685	\$22,285	\$1,400	\$600	\$2,000	\$16,999	\$7,285	\$24,285
3120-3503	Feature 4: Construction Management	\$125,645	\$53,848	\$179,492	\$700	\$300	\$1,000	\$126,345	\$54,148	\$180,492
3120-3504	Feature 5: Construction	\$245,175	\$105,075	\$350,250	-\$17,500	-\$7,500	-\$25,000	\$227,675	\$97,575	\$325,250
3120-3505	Feature 6: O&M Manual addendum	\$58,497	\$25,070	\$83,567	-\$56,000	-\$24,000	-\$80,000	\$2,497	\$1,070	\$3,567
Subtotal Element 1		\$704,905	\$302,102	\$1,007,007	-\$157,500	-\$67,500	-\$225,000	\$547,405	\$234,602	\$782,007
Element 1A: Landside Levee Improvement - Sta 7+00 to 8+20 (Shadpad Road)										
3126-3500	Feature 1: Design	\$56,000	\$24,000	\$80,000	\$0	\$0	\$0	\$56,000	\$24,000	\$80,000
3126-3501	Feature 2: Permitting	\$70,000	\$30,000	\$100,000	\$3,500	\$1,500	\$5,000	\$73,500	\$31,500	\$105,000
3126-3502	Feature 3: Right of Way Support	\$157,500	\$67,500	\$225,000	\$10,500	\$4,500	\$15,000	\$168,000	\$72,000	\$240,000
3126-3503	Feature 4: Construction Management	\$105,000	\$45,000	\$150,000	\$17,500	\$7,500	\$25,000	\$122,500	\$52,500	\$175,000
3126-3504	Feature 5: Construction	\$192,500	\$82,500	\$275,000	\$126,000	\$54,000	\$180,000	\$318,500	\$136,500	\$455,000
3126-3505	Feature 6: O&M Manual addendum	\$3,500	\$1,500	\$5,000	\$0	\$0	\$0	\$3,500	\$1,500	\$5,000
Subtotal Element 1A		\$584,500	\$250,500	\$835,000	\$157,500	\$67,500	\$225,000	\$742,000	\$318,000	\$1,060,000

The detailed discussion and tables presented below are reflective of this budget adjustment between Elements 1 and 1A.

- **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 18th quarter as the Element is **Complete**. As noted above, \$225,000 of the remaining budget is proposed to be shifted to Element 1A below.

- **Element 1A: Landside Levee Improvement – Sta 7+00 to 8+20 (Shadpad Road)**

This Element was added as of the 9th Quarter. TRLIA expects to continue work on Right of Way activities in the 18th Quarter. TRLIA plans to expend approximately \$22k during the 18th Quarter to continue ROW acquisition finalization and respond to any comments related to the O&M Manual

Addendum. As noted above, TRLIA has shifted the remaining budget within Element 1 to Element 1A. The revised overall adjusted budget is now \$1,060,000.

- **Element 2: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts**
This element only includes the preliminary alternatives analysis and CEQA/NEPA document preparation (that work only eligible for 50% cost share by the State). This element is *Complete* and there are no costs forecasted as part of this 15th QWP. Upon completion of the 16th Quarter, approximately (100%) \$1,067,000 Million amended budget has been expended.
- **Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection Support)**
This element was revised in the 5th Quarter to include the preliminary design, permitting preparation and Right of Way Support work that was previously included in Element 2. The amended overall budget for Element 3 is \$10.1 million and the amount forecasted to be expended this quarter is \$49,000. This amount, in conjunction with estimated prior expenses furthering Element 3 efforts, will result in having expended roughly 91% (\$9.2 million) of the Element's revised budget.
- **Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction – Sta 102+50 to 303+59**
No additional construction costs are forecasted to be incurred during the 16th quarter as the Element is complete. At the completion of the Quarter, TRLIA expects to have expended approximately 88% (\$8.65 million) of the budget for this element.
- **Element 5: Prior Completed Work**
This Element solely represents prior completed work submitted for crediting purposes. No additional costs in the element will be incurred during the funding agreement contract period.
- **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 \$80,000 of Overhead and Admin expenses in the quarter. After the quarter is complete, TRLIA will have expended roughly 77% of the amended Element 6 budget.
- **Element 7 – Right of Way Capital:**
Right of Way acquisition activity will continue this Quarter however no expenses are expected this quarter. After the quarter is complete, TRLIA will have expended roughly 73% of the revised Element 7 \$3.3 million budget.
- **Element 8 – Project Closeout efforts:**

This element was added in the 14th quarter. TRLIA expects to continue efforts in the 18th quarter and expects to expend \$15,000 on efforts associated with responding to DWR comments and review of the initial submission during the 17th quarter and processing a partial release of retention.

➤ **Element 9 – WPIC 200-Yr Standard:**

This element was added in this 15th quarter. TRLIA expects to have commenced efforts associated with Design, Permitting, and ROW Support / Acquisition during the 17th Quarter (pending approval of the work by DWR). In the 18th quarter TRLIA and expects to expend \$804,000 as it continues Design and Planning efforts and commences ROW efforts. A portion of this projection is related to ROW capital expenses.

- **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 18th Quarter Work Plan:

Quarterly Work Plan Summary				
Description	State Share	Local Share	Total	Local Credit Applied
Elements 7 & 9 - ROW Acquisition	\$420,000	\$180,000	\$600,000	\$0
Elements 1 through 6, 8 & 9	\$259,127	\$111,054	\$370,181	\$94,491
Total	\$679,127	\$291,054	\$970,181	\$94,491

Quarterly Summary for Real Estate Activity	
State Share Elements 7 & 9	\$420,000
Local Credit Applied Elements 1	\$0
Estimated Total Quarterly State Real Estate Funding	\$420,000

Quarterly State Share Advance Summary for Non-Real Estate Activity	
75% of State Share Elements 1 through 6, 8 & 9	\$194,345
plus/minus State Share true-up for Prior Quarters [1]	\$467,506
Total Advance for State Share at Start of 16th Quarter	\$661,851

[1] Estimated, see reconciliation of Prior State Funding.

Quarterly Local Credit Summary for Non-Real Estate Activity	
Local Credit Elements 1 through 6, 8 & 9	\$94,491
plus/minus Local Credit true-up for Prior Quarters [1]	\$619,600
Total Advance for Local Credit at Start of 16th Quarter	\$714,091

[1] See Reconciliation of Prior State Funding.

Reconciliation of State Advance Funding for Construction

**As of 17th Quarter - State Share: Based on 16th QPR plus 17th QWP
(as adjusted for schedule and other factors)**

Total Non-Real Estate Non-Creditable Expenses (Elements 1 – 6, 8 & 9) through 16th Quarter [1]	\$21,485,293
16th Quarter Total Non-Real Estate Forecasted Expenses [2]	\$458,583
Total Expenses Forecasted through 16th Quarter	\$21,943,876
State Share True-Up Calculations	
Total State Share of Above Expenses	\$15,506,836
Total State Funding Due (net of 10% Retention on Prior Expenses)	\$13,956,153
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
9th Quarter True-Up	\$429,363
10th Quarter True-Up	\$719,915
11th Quarter Advance	\$476,664
11th Quarter True-Up	\$582,451
12th Quarter True-Up	\$277,671
13th Quarter True-Up	\$1,075,072
14th Quarter True-Up	\$692,148
15th Quarter Advance	\$267,234
Total State Share Funding Received	\$13,488,647
Estimated State Share Construction Funding Due as of 17th Quarter	\$467,506

**As of 17th Quarter - Local Share: Based on 16th QPR plus 17th QWP
(as adjusted for schedule and other factors)**

Local Share True-Up Calculations	
Local Share of Above Forecasted Expenses	\$6,525,125
Total Local Funding Credit Due	\$6,525,125
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)	\$2,622,994
Local Credit True-Up (from 13th Quarter)	\$511,939
Local Credit True-Up (from 14th Quarter)	329,594
Total Credit Funding Received	\$5,905,525
Local Credit Due through 17th Quarter	\$619,600

[1] 15th & 16th Quarter QPR Costs Subject to review by DWR.

[2] 16th Quarter Forecasted Expenses adjusted for actual expenses.

- **The following tables present Element and Feature level details for the 18th Quarterly Work Plan.**

Summary of TRLIA Quarterly Work Plan Budget Upper Yuba

For Period January/February/March 2014

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	Total	State Share	Local Share	Total	State	Local	State Share
Formula	a	b	c = a-b	d	e	f = d-e	g = a-d	h = b-e	i = c-f	j	k	l=j-k	l=k*75%
Quarterly Advance Request Elements (Not Including Real Estate)													
Element 1: Flatten Waterside Levee Slope	\$782,007	\$547,405	\$234,602	\$728,160	\$509,712	\$218,448	\$53,847	\$37,693	\$16,154	\$0	\$0	\$0	\$0
Element 1A: Land Side Improvement (Shadpad)	\$1,060,000	\$742,000	\$318,000	\$937,644	\$656,351	\$281,293	\$122,356	\$85,649	\$36,707	\$22,000	\$15,400	\$6,600	\$11,550
Element 2: Pre-CEQA Determination Support	\$1,069,913	\$534,956	\$534,956	\$1,065,054	\$532,527	\$532,527	\$4,859	\$2,430	\$2,430	\$0	\$0	\$0	\$0
Element 3: Levee Improvements Support Work	\$10,101,168	\$7,080,817	\$3,020,350	\$9,165,323	\$6,415,726	\$2,749,597	\$935,845	\$665,091	\$270,753	\$49,000	\$34,300	\$14,700	\$25,725
Element 4: Levee Improvements Construction	\$9,800,000	\$6,924,000	\$2,876,000	\$8,653,099	\$6,057,169	\$2,595,930	\$1,146,901	\$866,831	\$280,070	\$0	\$0	\$0	\$0
Element 6: Admin & Overhead	\$4,501,913	\$3,151,339	\$1,350,574	\$3,375,121	\$2,362,585	\$1,012,536	\$1,126,792	\$788,755	\$338,038	\$79,950	\$55,965	\$23,985	\$41,974
Element 8: Project Closeout Efforts	\$100,000	\$70,000	\$30,000	\$20,587	\$14,411	\$6,176	\$79,413	\$55,589	\$23,824	\$15,000	\$10,500	\$4,500	\$7,875
Element 9: WPIC 200-Yr Standard (net of ROW)	\$14,150,000	\$9,905,000	\$4,245,000	\$213,333	\$149,333	\$64,000	\$13,936,667	\$9,755,667	\$4,181,000	\$204,231	\$142,962	\$61,269	\$107,221
Sub-Total Elements 1 through 4, 6, 8 & 9	\$41,565,000	\$28,955,517	\$12,609,483	\$24,158,320	\$16,697,813	\$7,460,507	\$17,406,680	\$12,257,704	\$5,148,976	\$370,181	\$259,127	\$111,054	\$194,345
<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				
Real Estate Forecast for Quarter													
Element 7: Land Acquisition	\$3,302,095	\$2,311,467	\$990,629	\$2,423,941	\$1,696,758	\$727,182	\$878,155	\$614,708	\$263,446	\$0	\$0	\$0	\$0
Element 9, Feature 9.3: WPIC - ROW Acquisition	\$1,000,000	\$700,000	\$300,000	\$40,000	\$28,000	\$12,000	\$960,000	\$672,000	\$288,000	\$600,000	\$420,000	\$180,000	\$180,000
Subtotal Real Estate Forecast	\$4,302,095	\$3,011,467	\$1,290,629 #	\$2,463,941	\$1,724,758	\$739,182 #	\$1,838,155	\$1,286,708	\$551,446 #	\$600,000	\$420,000	\$180,000	
Local Credit Reconciliation													
Quarterly Advance Calculation													
75% of State Share of Eligible Elements	\$194,345			Total Local Share of Eligible Expenses this Quarter			\$111,054 (From Above)						
plus Local Share Subject to Credit	\$94,491			Estimated Total Local Credit			\$6,619,616 (Approved Local Credit Amount)						
Total	\$288,836												
Note: Payments are subject to true-up for actual expenses.													
							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			
							Local Credit True-Up (from 13th Quarter)			\$511,939			
							Local Credit True-Up (from 14th Quarter)			\$329,594			
							Total Local Credit Received			\$5,905,525			
							Remaining Local Credit Approved			\$714,091			
							Cumulative Prior Credit Due			\$619,600			
							Requested Local Credit to be Paid with Advance			\$94,491 (Limited to remaining credit available)			
							Credit Remaining After Advance			\$0			

18QYubaSumm

[1] As reflected in the 15th Quarterly Work Plan for the Upper Yuba Project.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period January/February/March 2014

ELEMENT 1

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 1: Flatten Waterside Levee Slope -- Sta 3+00 to 33+50															
1.1: Design	70%	\$199,279	\$139,495	\$59,784	\$198,854	\$139,198	\$59,656	\$424	\$297	\$127	0%	\$0	\$0	\$0	0%
1.2: Permitting	70%	\$49,134	\$34,394	\$14,740	\$869	\$608	\$261	\$48,265	\$33,786	\$14,480	98%	\$0	\$0	\$0	0%
1.3: Right of Way	70%	\$24,285	\$16,999	\$7,285	\$23,731	\$16,612	\$7,119	\$553	\$387	\$166	2%	\$0	\$0	\$0	0%
1.4: Construction Management	70%	\$180,492	\$126,345	\$54,148	\$179,455	\$125,618	\$53,836	\$1,037	\$726	\$311	1%	\$0	\$0	\$0	0%
1.5: Construction	70%	\$325,250	\$227,675	\$97,575	\$325,250	\$227,675	\$97,575	\$0	\$0	\$0	0%	\$0	\$0	\$0	#DIV/0!
1.6: O&M Manual addendum	70%	\$3,567	\$2,497	\$1,070	\$0	\$0	\$0	\$3,567	\$2,497	\$1,070	100%	\$0	\$0	\$0	0%
Subtotal Element 1		\$782,007	\$547,405	\$234,602	\$728,160	\$509,712	\$218,448	\$53,847	\$37,693	\$16,154	7%	\$0	\$0	\$0	0%

18QYubaElem1

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget Upper Yuba

For Period January/February/March 2014

ELEMENT 1A

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remainin g Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
<i>Formula</i>	a <small>(Increased)</small>	b	c=axb	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 1A: Land Side Levee Improvement															
- Sta 7+00 to 8+20 (Shadpad Road)															
1A.1: Design	70%	\$80,000	\$56,000	\$24,000	\$77,706	\$54,394	\$23,312	\$2,294	\$1,606	\$688	3%	\$0	\$0	\$0	0%
1A.2: Permitting	70%	\$105,000	\$73,500	\$31,500	\$99,649	\$69,754	\$29,895	\$5,351	\$3,746	\$1,605	5%	\$0	\$0	\$0	0%
1A.3: Right of Way	70%	\$240,000	\$168,000	\$72,000	\$139,688	\$97,781	\$41,906	\$100,312	\$70,219	\$30,094	42%	\$21,000	\$14,700	\$6,300	21%
1A.4: Construction Management	70%	\$175,000	\$122,500	\$52,500	\$170,554	\$119,388	\$51,166	\$4,446	\$3,112	\$1,334	3%	\$0	\$0	\$0	0%
1A.5: Construction	70%	\$455,000	\$318,500	\$136,500	\$450,047	\$315,033	\$135,014	\$4,953	\$3,467	\$1,486	1%	\$0	\$0	\$0	0%
1A.6: O&M Manual addendum	70%	\$5,000	\$3,500	\$1,500	\$0	\$0	\$0	\$5,000	\$3,500	\$1,500	100%	\$1,000	\$700	\$300	20%
Subtotal Element 2		\$1,060,000	\$742,000	\$318,000	\$937,644	\$656,351	\$281,293	\$122,356	\$85,649	\$36,707	12%	\$22,000	\$15,400	\$6,600	18%

"18QYubaElem1A"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget
Upper Yuba

For Period January/February/March 2014

ELEMENT 2

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
	(Increased)														
Element 2: Levee Improvements (Slurry Wall & Waterside Slope Erosion Protection) Pre-CEQA Determination Support Efforts															
2.1: Alternatives Analysis	50%	\$419,771	\$209,885	\$209,885	\$415,488	\$207,744	\$207,744	\$4,283	\$2,141	\$2,141	1%	\$0	\$0	\$0	0%
2.2: CEQA / NEPA	50%	\$650,142	\$325,071	\$325,071	\$649,566	\$324,783	\$324,783	\$576	\$288	\$288	0%	\$0	\$0	\$0	0%
Subtotal Element 2		\$1,069,913	\$534,956	\$534,956	\$1,065,054	\$532,527	\$532,527	\$4,859	\$2,430	\$2,430	0%	\$0	\$0	\$0	0%

"18QYubaElem2"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget Upper Yuba

For Period January/February/March 2014

ELEMENT 3

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 3: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Support Work															
3-2.3: Preliminary Design	70%	\$1,378,778	\$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%	\$2,735,767	\$1,915,037	\$820,730	\$2,724,916	\$1,907,441	\$817,475	\$10,851	\$7,596	\$3,255	0%	\$21,000	\$14,700	\$6,300	194%
3.1: Final Design	70%	\$2,279,307	\$1,605,515	\$673,792	\$2,238,090	\$1,566,663	\$671,427	\$41,218	\$38,852	\$2,365	2%	\$0	\$0	\$0	0%
3.2: Permitting	70%	\$702,461	\$491,723	\$210,738	\$176,778	\$123,745	\$53,033	\$525,683	\$367,978	\$157,705	75%	\$15,000	\$10,500	\$4,500	3%
3.4: Construction Management	70%	\$2,175,000	\$1,522,500	\$652,500	\$2,162,668	\$1,513,868	\$648,800	\$12,332	\$8,632	\$3,700	1%	\$9,000	\$6,300	\$2,700	73%
3.5: Environmental Mitigation	70%	\$415,091	\$290,564	\$124,527	\$413,888	\$289,721	\$124,166	\$1,203	\$842	\$361	0%	\$1,000	\$700	\$300	83%
3.6: O&M Manual addendum	70%	\$189,419	\$132,593	\$56,826	\$46,747	\$32,723	\$14,024	\$142,672	\$99,871	\$42,802	75%	\$3,000	\$2,100	\$900	2%
Subtotal Element 3		\$10,101,168	\$7,080,817	\$3,020,350	\$9,165,323	\$6,415,726	\$2,749,597	\$935,845	\$665,091	\$270,753	9%	\$49,000	\$34,300	\$14,700	5%

"18QYubaElem3"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget Upper Yuba

For Period January/February/March 2014

ELEMENT 4

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 4: Levee Improvements (Slurry Wall and Waterside Slope Erosion Protection) Construction - Sta 102+50 to 303+59															
4.1 - Construction	70%	\$9,800,000	\$6,924,000	\$2,876,000	\$8,653,099	\$6,057,169	\$2,595,930	\$1,146,901	\$866,831	\$280,070	12%	\$0	\$0	\$0	0%
Subtotal Element 4		\$9,800,000	\$6,924,000	\$2,876,000	\$8,653,099	\$6,057,169	\$2,595,930	\$1,146,901	\$866,831	\$280,070	12%	\$0	\$0	\$0	0%

"18QYubaElem4"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget
Upper Yuba

For Period January/February/March 2014

ELEMENT 5

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
<i>Formula</i>	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 5: Prior Completed Work															
5.1 - Prior Completed Work	70%	\$7,682,162	\$5,377,514	\$2,304,649	\$9,760,791	\$6,832,554	\$2,928,237	-\$2,078,629	-\$1,455,040	-\$623,589	-27%	\$0	\$0	\$0	0%
Subtotal Element 5		\$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%

18QYubaElem5

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period January/February/March 2014

ELEMENT 6

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
<i>Formula</i>	<i>a</i>	<i>b</i>	<i>c=axb</i> <small>*Based on Overall Workplan</small>	<i>d = b-c</i>	<i>e</i>	<i>f=axe</i>	<i>g = e-f</i>	<i>h=b-e</i>	<i>i=c-f</i>	<i>j=d-g</i>		<i>k</i>	<i>l=axk</i>	<i>m=k-l</i>	
Element 6: Project Management, legal support, community relations support, land management support, and overhead															
6.1 - TRLIA Salaries/Benefits	70%	\$1,270,714	\$889,500	\$381,214	\$1,005,973	\$704,181	\$301,792	\$264,740	\$185,318	\$79,422	21%	\$63,000	\$44,100	\$18,900	24%
6.2 - TRLIA Consultant Exp.	70%	\$1,260,377	\$882,264	\$378,113	\$947,544	\$663,281	\$284,263	\$312,833	\$218,983	\$93,850	25%	\$6,000	\$4,200	\$1,800	2%
6.3 - TRLIA Legal Support	70%	\$1,044,235	\$730,964	\$313,270	\$345,637	\$241,946	\$103,691	\$698,598	\$489,019	\$209,579	67%	\$4,200	\$2,940	\$1,260	1%
6.4 - TRLIA Travel Expenses	70%	\$9,992	\$6,995	\$2,998	\$1,594	\$1,116	\$478	\$8,398	\$5,879	\$2,520	84%	\$0	\$0	\$0	0%
6.5 - TRLIA General Expenses	70%	\$356,643	\$249,650	\$106,993	\$143,379	\$100,365	\$43,014	\$213,265	\$149,285	\$63,979	60%	\$6,000	\$4,200	\$1,800	3%
6.6 - TRLIA Insurance	70%	\$514,119	\$359,883	\$154,236	\$913,963	\$639,774	\$274,189	-\$399,844	-\$279,891	-\$119,953	-78%	\$0	\$0	\$0	0%
6.7 - TRLIA Travel - Vehicle Leas	70%	\$26,714	\$18,700	\$8,014	\$17,031	\$11,922	\$5,109	\$9,683	\$6,778	\$2,905	36%	\$750	\$525	\$225	8%
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%
Subtotal Element 6		\$4,501,913	\$3,151,339	\$1,350,574	\$3,375,121	\$2,362,585	\$1,012,536	\$1,126,792	\$788,755	\$338,038	25%	\$79,950	\$55,965	\$23,985	7%

18QYubaElem6

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget

Upper Yuba

For Period January/February/March 2014

ELEMENT 7

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative Expenses (Dec 2013) [2]			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
<i>Formula</i>	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 7: Right of Way Capital															
7-3.3 - Right of Way Capital	70%	\$3,302,095	\$2,311,467	\$990,629	\$2,423,941	\$1,696,758	\$727,182	\$878,155	\$614,708	\$263,446	27%	\$0	\$0	\$0	0%
Subtotal Element 7		\$3,302,095	\$2,311,467	\$990,629	\$2,423,941	\$1,696,758	\$727,182	\$878,155	\$614,708	\$263,446	27%	\$0	\$0	\$0	63%

18QYubaElem7

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget
Upper Yuba

For Period January/February/March 2014

ELEMENT 8

Elements and Features	State Share Percentage	Revised Overall Budget [1]			Estimated Cumulative			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining Budget
		Total	State	Local	Total	State Share	Local Share	Total	State Share	Local Share		Total	State	Local	
Formula	a	b	c=axb <small>*Based on Overall Workplan</small>	d = b-c	e	f=axe	g = e-f	h=b-e	i=c-f	j=d-g		k	l=axk	m=k-l	
Element 8: Project Closeout Efforts															
8.1 - Project Close Out Efforts	70%	\$100,000	\$70,000	\$30,000	\$20,587	\$14,411	\$6,176	\$79,413	\$55,589	\$23,824	79%	\$15,000	\$10,500	\$4,500	19%
Subtotal Element 8		\$100,000	\$70,000	\$30,000	\$20,587	\$14,411	\$6,176	\$79,413	\$55,589	\$23,824	79%	\$15,000	\$10,500	\$4,500	19%

"18QYubaElem8"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

TRLIA Quarterly Work Plan Budget
Upper Yuba

For Period January/February/March 2014

ELEMENT 9

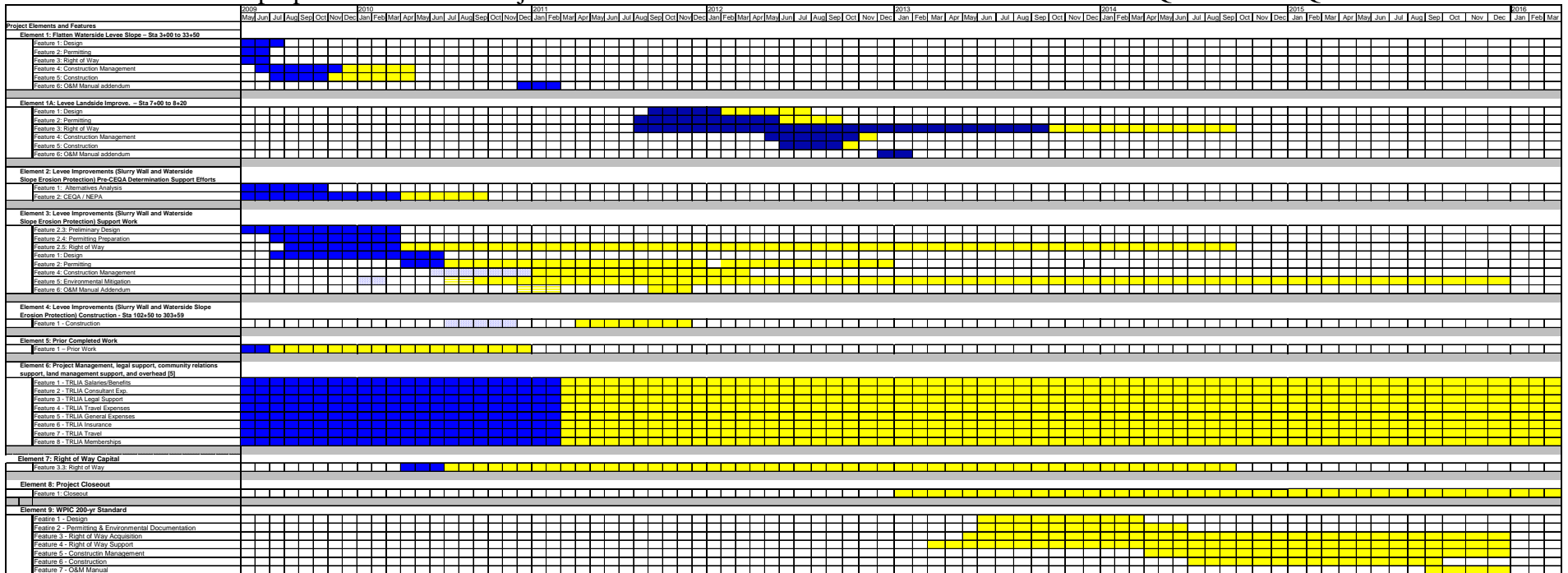
Elements and Features	State Share	Revised Overall Budget [1]			Estimated Cumulative			Forecasted Remaining Budget			% of Total Budget Remaining	18th Quarterly Forecast			% of Remaining
		Total	State	Local	Total	State Share	Local	Total	State	Local		Total	State	Local	
<i>Formula</i>	<i>a</i>	<i>b</i>	<i>c=axb</i> <small>Overall Workplan</small>	<i>d = b-c</i>	<i>e</i>	<i>f=axe</i>	<i>g = e-f</i>	<i>h=b-e</i>	<i>i=c-f</i>	<i>j=d-g</i>		<i>k</i>	<i>l=axk</i>	<i>m=k-l</i>	<i>g</i>
Element 9: WPIC 200-Yr Standard															
9.1 - Design	70%	\$800,000	\$560,000	\$240,000	\$0	\$0	\$0	\$800,000	\$560,000	\$240,000	100%	\$85,000	\$59,500	\$25,500	11%
9.2 - Permitting & Environmentz	70%	\$300,000	\$210,000	\$90,000	\$80,000	\$56,000	\$24,000	\$220,000	\$154,000	\$66,000	73%	\$69,231	\$48,462	\$20,769	31%
9.3 - Right of Way Acquisition	70%	\$1,000,000	\$700,000	\$300,000	\$40,000	\$28,000	\$12,000	\$960,000	\$672,000	\$288,000	96%	\$600,000	\$420,000	\$180,000	63%
9.4 - Right of Way Support	70%	\$200,000	\$140,000	\$60,000	\$100,000	\$70,000	\$30,000	\$100,000	\$70,000	\$30,000	50%	\$50,000	\$35,000	\$15,000	50%
9.5 - Construction Management	70%	\$800,000	\$560,000	\$240,000	\$33,333	\$23,333	\$10,000	\$766,667	\$536,667	\$230,000	96%	\$0	\$0	\$0	0%
9.6 - Construction	70%	\$12,000,000	\$8,400,000	\$3,600,000	\$0	\$0	\$0	\$12,000,000	\$8,400,000	\$3,600,000	100%	\$0	\$0	\$0	0%
9.7 - O&M Manual addendum	70%	\$50,000	\$35,000	\$15,000	\$0	\$0	\$0	\$50,000	\$35,000	\$15,000	100%	\$0	\$0	\$0	0%
Subtotal Element 9		\$15,150,000	\$10,605,000	\$4,545,000	\$253,333	\$177,333	\$76,000	\$14,896,667	\$10,427,667	\$4,469,000	98%	\$804,231	\$562,962	\$241,269	5%

"18QYubaElem9"

[1] Revised per the Upper Yuba 15th Quarterly Work Plan and adjustments to Elements 1 and 1A in this 18th QWP.

[2] Reflects estimated expenses through the 17th Quarter based on prior actual expenses through September 30, 2013 (16th QPR) and estimated of expenses from September to December 2013 based on the 17th Quarterly Work Plan with any necessary adjustments for actual expenses incurred or changes in schedule.

6. Schedule Information by Project Element: Shown in the figure below is an updated Exhibit A (overall project schedule), which includes the proposed addition of Project Element 9. This is the same schedule shown in the 15th QPR and 16th QWP.



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:**
 - No changes

7. Attachments:

1. Updated Overall Work plan Tab D Project Element 2 & 3: Remaining Work permit list
2. Overall Work plan Tab D Proposed Project Element 9: WPIC 200-yr Standard

Attachment 1
Tab D: Project Element and Features Permits & Environmental Documents

Upper Yuba River Levee: Remaining Work

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	PROJECTED START and COMPLETION DATES
Central Valley Flood Protection Board	UYLIP Construction Encroachment Permit	Yes	<ul style="list-style-type: none"> CVFPB issued permit April 11, 2011 (# 18577 BD)
Central Valley Flood Protection Board	PG&E Gas Line Modification	Yes	<ul style="list-style-type: none"> Application submitted July 6, 2011. Modification approved by CVFPB Letter of Authorization dated June 17, 2011 and work was completed. Actual permit issuance is still pending.
Central Valley Flood Protection Board	PG&E Power Line Raise	Yes	<ul style="list-style-type: none"> Application submitted July 6, 2011. Modification approved by CVFPB Letter of Authorization dated June 17, 2011. Permit 18577-1 approved by CVFPB at January 26, 2012 Meeting.
Central Valley Flood Protection Board	PG&E Relocate Power Line	Yes	<ul style="list-style-type: none"> Application submitted July 6 2011. Modification approved by CVFPB Letter of Authorization dated June 17, 2011. Permit 18695 approved by CVFPB at January 26, 2012 Meeting.
Central Valley Flood Protection Board	LCWD Water Main Modification	Yes	<ul style="list-style-type: none"> Application submitted August 2, 2011. Modification approved by CVFPB Letter of Authorization dated July 28, 2011 and work was completed. Actual permit issuance is still pending.
Central Valley Flood Protection Board	Anderson Elderberry Site Encroachment Permit	Yes	<ul style="list-style-type: none"> CVFPB Approved January 28, 2011; issued February 7, 2010
Central Valley Flood Protection Board	Additional Anderson Elderberry Site Encroachment Permit	Yes	<ul style="list-style-type: none"> CVFPB Approved September 28, 2012; issued October 19, 2012.
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	<ul style="list-style-type: none"> Navigable waterways not affected
Corps	Section 404 Permit	No	<ul style="list-style-type: none"> Project is above the OHWM No permit required letter received from Corps on June 7, 2010.

Corps	Wetlands Delineation	Yes	<ul style="list-style-type: none"> Wetland Delineation Report submitted to Corps February 2010
Corps	408 approval of project levee alteration	Yes	<ul style="list-style-type: none"> Request to CVFCB to Initiate 408 Environmental Process June 2009 HQs Approval December 22, 2010 District Permission letter issued March 24, 2011
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	No	<ul style="list-style-type: none"> Project is above the OHWM and no sediment will discharge to waters of California 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	<ul style="list-style-type: none"> Application June 2010 Permit Received July 26, 2010
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	<ul style="list-style-type: none"> Carl Moyer Mitigation Letter received December 2009 Submission of BMP's March/April 2010 Authority issued June 2011
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> Draft Biological Assessment prepared and submitted to the Corps for review and initiation of Consultation April 2010 BO issued August 16, 2010
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> F&WS is amending B.O. to include dormant season elderberry shrub transplant Amendment issued in August 2011
National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	No	<ul style="list-style-type: none"> The project will avoid take of listed fish species
California Department of Fish and Game (DFG)	California Endangered Species Act Compliance (2081)	No	<ul style="list-style-type: none"> Project design and mitigation measures prevent take of threatened and endangered species
DFG	Streambed Alteration Agreement	No	<ul style="list-style-type: none"> All ground disturbances are above the Yuba River ordinary high water mark and no alterations to the streambed will occur.
California State Lands Commission (SLC)	Encroachment Permit	No	<ul style="list-style-type: none"> All ground disturbances are above the Yuba River ordinary high water mark and outside SLC

			jurisdiction.
California Department of Forestry	Conversion of timberland to other uses.	No	<ul style="list-style-type: none"> No timberland conversion is required for the project.
The Resources Agency	Cancellation of Williamson Act Contract	No	<ul style="list-style-type: none"> No Williamson Act contract cancellations are required to implement the project.
California Department of Transportation (Caltrans)	Encroachment on or across a State highway	No	<ul style="list-style-type: none"> Project facilities do not encroach onto a State highway. However, construction equipment will likely use State Route 70 (SR 70).
Native American Heritage Commission (NAHC)	Evaluation of effects on Native American burials or artifacts	Yes	<ul style="list-style-type: none"> HDR on behalf of TRLIA contacted NAHC on November 25, 2009 NAHC responded on December 3, 2009 with negative results for its search of the Sacred Lands File; no further action necessary
State Office of Historic Preservation (SHPO)	Evaluation of effects on historic and cultural resources	Yes	<ul style="list-style-type: none"> SHPO issued no adverse impact determination on Sep 10, 2010
Reclamation District 784 (RD 784)	Encroachment Permit	Yes	<ul style="list-style-type: none"> Encroachment Permit Application anticipated to be signed March/April 2010
Yuba County	Grading Permit	Yes	<ul style="list-style-type: none"> Permit issued November 2010
State Mining and Geology Board (SMGB)	SMARA Permit	No	<ul style="list-style-type: none"> Received SMGB exemption letter on May 18, 2010 Current approach is to use on site borrow site (exempt from SMARA) and also make the contractor provide additional soil from commercial site.
CEQA	IS/MND	Yes	<ul style="list-style-type: none"> Initiation June 2009 CEQA IS/MND Approved April 20, 2010
NEPA	EA/FONSI	Yes	<ul style="list-style-type: none"> First Admin Draft EA submitted to Corps February 2010 EA/FONSI signed December 29, 2010
Section 104 Credit	Future federal projects cost sharing	Yes	<ul style="list-style-type: none"> Application March/April 2010 ASA-CW denied May 5, 2011
Section 103 Credit	Credit under Section 2003	Yes	<ul style="list-style-type: none"> MOU signed between USACE and CVFPB on June 30, 2010

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

WPIC 200-yr Standard

PERMITTING AGENCY	PERMIT	PERMIT NEEDED (Y/N)	PROJECTED START and COMPLETION DATES
Central Valley Flood Protection Board	WPIC 200-yr Standard	Yes	<ul style="list-style-type: none"> Permit No. 17782 BD was issued by the CVFPB (Reclamation Board) on Mary 19, 2005 for the original WPIC work. This permit will either be modified or a new permit issued.
U.S. Army Corps of Engineers (Corps)	Section 10 Permit	No	<ul style="list-style-type: none"> Navigable waterways not affected
Corps	Section 404 Permit	Yes	<ul style="list-style-type: none"> Waters of the United States will be impacted
Corps	Wetlands Delineation	Yes	<ul style="list-style-type: none"> A wetland delineation will be prepared during preparation of CEQA and NEPA Documents
Corps	408 approval of project levee alteration	Yes	<ul style="list-style-type: none"> A request will be made to CVFPB to Initiate the Section 408 Process
Regional Water Quality Control Board (RWQCB); Central Valley Region (Region 5)	Section 401 Water Quality Certification	Yes	<ul style="list-style-type: none"> The 404 Permit will require Water Quality Certification
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"> Notice of Intent (NOI) and Storm water Pollution prevention Plan (SWPPP) will be submitted
Feather River Air Quality Management District (FRAQMD)	Authority to Construct	Yes	<ul style="list-style-type: none"> Contractor will submit required documentation prior to construction.
U.S. Fish and Wildlife Service	Endangered Species Act Compliance (Biological Opinion)	Yes	<ul style="list-style-type: none"> Consultation with the USFWS will occur during preparation of the NEPA Document
National Marine Fisheries Service (NMFS)	Endangered Species Act Compliance	No	<ul style="list-style-type: none"> The project will avoid take of listed fish species
California Department of Fish and Game (DFG)	California Endangered Species Act Compliance (2081)	Yes	<ul style="list-style-type: none"> Consultation with the DFG will occur during preparation of the CEQA Document

DFG	Streambed Alteration Agreement	No	<ul style="list-style-type: none"> All ground disturbances are above the WPIC ordinary high water mark and no alterations to the streambed will occur.
California State Lands Commission (SLC)	Encroachment Permit	No	<ul style="list-style-type: none"> All ground disturbances are above the WPIC ordinary high water mark and outside SLC jurisdiction.
California Department of Forestry	Conversion of timberland to other uses.	No	<ul style="list-style-type: none"> No timberland conversion is required for the project.
The Resources Agency	Cancellation of Williamson Act Contract	No	<ul style="list-style-type: none"> No Williamson Act contract cancellations are required to implement the project.
California Department of Transportation (Caltrans)	Encroachment on or across a State highway	No	<ul style="list-style-type: none"> Project facilities do not encroach onto a State highway. However, construction equipment will likely use State Route 70 (SR 70).
Native American Heritage Commission (NAHC)	Evaluation of effects on Native American burials or artifacts	Yes	<ul style="list-style-type: none"> Coordination with the NAHC will occur during preparation of CEQA and NEPA Documents
State Office of Historic Preservation (SHPO)	Evaluation of effects on historic and cultural resources	Yes	<ul style="list-style-type: none"> Coordination with the NAHC will occur during preparation of CEQA and NEPA Documents
Reclamation District 784 (RD 784)	Encroachment Permit	Yes	<ul style="list-style-type: none"> Coordination with RD 784 will occur during design and while requesting a CVFPB encroachment permit
Yuba County	Grading Permit	Yes	<ul style="list-style-type: none"> A grading permit from Yuba County will be obtained prior to construction
State Mining and Geology Board (SMGB)	SMARA Permit	No	<ul style="list-style-type: none"> Contractor will use existing commercial sources as needed
CEQA	IS/MND	Yes	<ul style="list-style-type: none"> CEQA documentation will commence during final design as remediation project is defined
NEPA	EA/FONSI	Yes	<ul style="list-style-type: none"> NEPA documentation will commence after the CVFPB initiates the Section 408 process with USACE
Section 104 Credit	Future federal projects cost sharing	No	<ul style="list-style-type: none"> No longer applicable per Secretary of the Army
Section 103 Credit	Credit under Section 2003	Yes	<ul style="list-style-type: none"> MOU signed between USACE and CVFPB on June 30, 2010. Credit documentation to be determined