

AGREEMENT #: YWA 2021-1 TRLIA
GRANTEE NAME: Three River Levee Improvement Authority

**GRANT AGREEMENT between Yuba Water Agency and Three River Levee Improvement Authority
QUARTERLY PROGRESS REPORT (QPR) # 6 (Q4 2022)
Yuba River - North Training Wall Phase No. 2**

Date: February 3, 2023 Dates covered by this Report: OCT 1, 2022 – DEC 30, 2022
Agreement No.: YWA 2021-1 TRLIA Grant Term: JUL 1, 2021 – DEC 31, 2022

Project Title: **Yuba River – North Training Wall Phase No. 2**

Grantee: Three Rivers Levee Improvement Authority (TRLIA)

FISCAL REPORT

Fund Source	Amount Awarded	Amount Invoiced as of December 31, 2022	Total Amount Remaining
YWA Grant - Total Funds	\$1,100,000	\$781,785.53	\$318,284.47
See attached QPR # 6, 4 th Quarter 2022 Financial Documentation and Reimbursement Request for Financial Information			

PROGRAM/TECHNICAL REPORT

Activities Performed from October 1, 2022, to December 31, 2022:

Background: TRLIA, at the request of Yuba County, has proposed a program to reduce the flood risk to the Community of Hallwood by strengthening the Yuba River North Training Wall (NTW) and tying the NTW into high ground at the upstream of the project area. TRLIA’s effort builds upon an alternatives evaluation of the flood risk to the Community of Hallwood from the Yuba River NTW, which was previously funded by Yuba Water Agency (YWA). The alternatives evaluation provided a project recommendation that will serve as the basis for further design and subsequent construction. In addition, TRLIA’s work will also build upon an interim repair that strengthened a critical reach of the NTW that Yuba County worked to complete with Teichert in 2019.

The Yuba River NTW project has two phases. Phase 1 will reshape and strengthen the 2.25-mile NTW cobble embankment to a more stable geometry using surplus material contained within the NTW. The majority of Phase 1 was constructed by Teichert Materials and completed in January 2022. A small reach remains to be done and will be completed when the conveyor is relocated, which is currently anticipated to occur in 2024. Phase 2 will construct the upstream high ground tie-in to form a contiguous line of protection.

In April 2021 TRLIA received \$1,100,000 in grant funding from YWA to complete project planning, select a project alignment, develop a 65% design, complete permitting, and support California Environmental Quality Act (CEQA) & National Environmental Policy Act (NEPA) compliance for the NTW Phase 2 project area. Completing the NTW Phase 2 tasks as indicated will increase the likelihood of and competitiveness for grant funding through the State of California and the Federal Emergency Management Agency (FEMA) under various grant programs.

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Cost Information: *Costs accrued for this reporting period (Q4 2022) are: \$166,240.75. The amount to be paid to TRLIA via reimbursement from YWA is \$166,240.75. Attachment 1 provides a list of all costs accrued and associated invoices. Costs will be updated in each progress report.*

TRLIA Accomplished the Items Listed below During Q4 2022:

Task 1. Contract Subconsultants and Assemble Team: *No efforts were performed under this task during Q4 2022.*

Task 2. Preliminary Engineering and Design: *TRLIA and the consultant team held 2 project team meetings and a number of smaller coordination calls focusing on the finalizing the 65% design plans, specifications, and basis of design documentation. More specifically, the consultant team completed the following tasks:*

- 65% Design Planset
- Revised 65% Cost Estimate
- Draft Geotechnical Basis of Design Report
- Draft Hydraulic Impact Analysis Report
- Right of Way Needs Assessment Exhibit

The project team submitted a Central Valley Flood Protection Board (CVFPB) Encroachment Permit Application in November 2022. As review comments are received from the CVFPB, the project team will work to respond and address items and coordination with CVFPB as needed.

Task 3. Environmental Surveys and Compliance (CEQA): *GEI completed preparation of a public draft Initial Study with Proposed Mitigated Negative Declaration (IS-MND) and has circulated the public posted the draft review and comment. This effort also included development of feasibility level mitigation costs for project impacts to the low-flow channel and surrounding habitat including existing elderberry shrubs.*

Task 4. Evaluate Current and Future Grant Funding Opportunities: *TRLIA and the project team continued collaborative efforts to identify and assess funding opportunities to complete design and construction of the NTW Phase 2 Project. No grant funding opportunities were identified during Q4 2022.*

In Q1 2022, TRLIA submitted a grant application for implementation funding under the California Department of Water Resources (DWR) Proposition 68 Floodplain Management, Protection and Risk Awareness (FMPRA) Grant Program. In August 2022, DWR awarded approximately \$9M (state share) in funding under the FMPRA Grant Program for the NTW Ph. 2 Project. The NTW Ph. 2 application requested funding to finalize design, complete project permitting, and complete construction. TRLIA and the project team continued to coordinate with DWR FMPRA Grant Program management to establish the grant funding agreement. This effort is anticipated to be completed in Q1 2023.

To date, approximately \$3.05M in funds via YWA grants to TRLIA have been provided and/or expended, which can be leveraged as eligible local cost-share for the \$12M project under the forthcoming DWR FMPRA Grant agreement.

Percentage of Task Completed as of December 31, 2022:

Task 1 – Contract Subconsultants and Assemble Team *100%*

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<i>Task 2 – Preliminary Engineering and Design</i>	65%
<i>Task 3 – Environmental Surveys and Compliance (CEQA)</i>	70%
<i>Task 4 – Evaluate Current and Future Grant Funding Opportunities</i>	(on-going)

Deliverables Completed for Each Task During Q4 2022:

- Task 1 – Contract Subconsultants and Assemble Team: N/A*
- Task 2 – Preliminary Engineering and Design: Draft 65% Design Plans*
- Task 3 – Environmental Surveys and Compliance (CEQA): Public Draft IS-MND*
- Task 4 – Evaluate Current and Future Grant Funding Opportunities: N/A*

Problems/Delays and Proposed Resolution:

Schedule impacts and/or delays are not anticipated at this time.

List of Proposed Activities and Tasks for the Next Quarter (Q1 January 1, 2023 – March 31, 2023):

Projected Expenditures in Q4 January 1, 2023 – March 31, 2023

During Q1 2023, the projected expenditures will be approximately \$150,000. Please note that this amount may partially be reimbursed by DWR under the FMPRA Grant Program.

Task 1 – Contract Subconsultants and Assemble Team: *No activities are anticipated during Q1 2023 specific to the existing YWA Grant agreement with TRLIA. Under the approved DWR Proposition 68 FMPRA Grant, subconsultant agreements will be executed between MBK Engineers and Wood Rodgers, ENGEO, and GEI. The project team will also establish a Safety Assurance Review group, which will include AECOM, Blackburn Consulting, and GEI.*

Task 2 – Preliminary Engineering and Design: *During Q1 2023 it is anticipated that TRLIA and the Project Team will finalize the 65% project design and associated documents (Basis of Design Report). The completed 65% design plans will support an updated submittal to the Central Valley Flood Protection Board to support the submitted Encroachment Permit Application (Form 3615).*

Task 3 – Environmental Surveys and Compliance (CEQA): *GEI will continue efforts to respond to public comments on the CEQA document (IS-MND). Following preparation of public comment responses and revisions to the IS-MND, the document will be presented to the TRLIA Board for adoption.*

Task 4 – Evaluate Current and Future Grant Funding Opportunities: *The project team will continue coordination with DWR to execute the FMPRA grant agreement, provide requested financial responsibility documentation and associated TRLIA board resolutions for the project agreement. The project team will continue to evaluate additional funding opportunities for design, construction and permitting of the NTW Ph. 2 Project.*

Attachments:

1. Q4 2022 Financial Documentation and Reimbursement Request