



**AGREEMENT #: YWA 2021-1 TRLIA**

**GRANTEE NAME: Three River Levee Improvement Authority**

*progress report. Please note, TRLIA and the project team performed a small amount of activities for the NTW Phase 2 project in June 2021; these activities are included in the descriptions below as well as the attached invoices.*

**TRLIA accomplished the items listed below during Q3 2021:**

**Task 1: Contract Subconsultants and Assemble Team:** *In July 2021, the TRLIA Board approved scopes of work and executed contracts with the following firms to support the NTW Phase 2 Project:*

- *Wood Rodgers and ENGEO: Civil and Geotechnical Design (\$513,428)*
- *GEI Consultants: Environmental Compliance (\$261,816)*
- *MBK Engineers: Program Management and H&H Analysis (\$250,000)*

**Task 2: Preliminary Engineering and Design:** *TRLIA and the consultant team held 3 project team meetings and several smaller coordination calls focusing on geotechnical data collection, alternative alignment analysis, right of entry, and basis of design. More specifically the consultant team completed the following tasks:*

- *Develop Design Water Surface Elevation (DWSE): For consistency with the NTW Phase 1 Project, MBK Engineers in coordination with the project team, determined that a DWSE (200yr+2ft) would be used in the project design. Additionally, the top of structure for the NTW Phase 2 project will be designed to include 3 feet of freeboard above the DWSE. The DWSE will be documented in a technical memorandum prepared by MBK Engineers.*
- *Right of Entry (ROE): TRLIA executed ROE agreements with Western Aggregates and Hallwood-Cordua Irrigation District to access the project area. The ROE agreements will allow the project team to complete eight (8) geotechnical explorations which will include 2 sonic borings, and up to 6 test pits. The explorations will gather subsurface stratigraphy information and inform geotechnical analyses and project design efforts.*
- *Geotechnical Explorations: ENGEO coordinated with a subsurface drilling contractor to perform 2 sonic explorations (completed late September) and contracted a backhoe operator to perform 6 test pits (schedule to be completed October 2021).*
- *Alternative Analysis and Preliminary Design: The Project Team began an alternatives analysis effort to evaluate constraints of four (4) potential project alignments. An existing side channel runs throughout the project area and presents challenges with project alignments that may cross this feature. Wood Rodgers has performed preliminary earthwork modeling to determine cut and fill quantities for the project alignments. The earthwork models will be used to support construction cost estimates.*

**Task 3: Environmental Surveys and Compliance (CEQA):** *GEI performed biological field resources surveys and completed associated evaluations to identify project constraints. These efforts were specific to cultural, biological, and habitat surveys and will support development of a project description and draft IS-MND.*

**Task 4: Evaluate Current and Future Grant Funding Opportunities:** *TRLIA and the project team worked collaboratively to identify and assess funding opportunities for the NTW Phase 2 Project.*

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

*In September 2021, California Department of Water Resources (CA DWR) finalized a grant solicitation under the Proposition 68 – Floodplain Management, Protection, and Risk Awareness Grant Program (FMPRA). The grant solicitation provides a total of \$50M in planning (\$5M) and implementation funding (\$45M). The first phase, a concept proposal, of the application is due in late October 2021. The full application submittal will follow upon CA DWR approval of the concept proposal, and is due early February 2021. TRLIA intends to prepare an application for implementation funding for the NTW Phase 2 Project.*

*The project team is in the process of contracting Grant Management Associates (GMA) to complete a key considerations analysis of the grant application. This effort will seek to increase the overall competitiveness of the NTW Phase 2 project application. Additionally, if CA DWR approves the concept proposal, GMA will prepare the benefit cost analysis and supporting narrative for the full application.*

**Percentage of Task Completed as of September 30, 2021:**

<i>Task 1 – Contract Subconsultants and Assemble Team</i>	<i>100%</i>
<i>Task 2 – Preliminary Engineering and Design</i>	<i>20%</i>
<i>Task 3 – Environmental Surveys and Compliance (CEQA)</i>	<i>15%</i>
<i>Task 4 – Evaluate Current and Future Grant Funding Opportunities</i>	<i>(on-going)</i>

**Deliverables Completed for Each Task:**

*Task 1 – Contract Subconsultants and Assemble Team: Executed Contracts*  
*Task 2 – Preliminary Engineering and Design: DWSE Table*  
*Task 3 – Environmental Surveys and Compliance (CEQA): N/A*  
*Task 4 – Evaluate Current and Future Grant Funding Opportunities: CA DWR Prop 68 FMPRA – Concept Proposal*

**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 (Q4 October 1, 2021 –December 31, 2021):**

***Projected Expenditures in Q4 October 1, 2021 – December 31, 2021***

*During Q4 2021, the projected expenditures will be approximately \$100,000.*

***Task 1 – Contract Subconsultants and Assemble Team:*** *MBK intends to execute a sub-consultant agreement with GMA to support grant application preparation and economic analyses.*

***Task 2 – Preliminary Engineering and Design:*** *During Q4 2021 it is anticipated that TRLIA and the Project Team will select a preferred project alignment. Wood Rodgers – ENGEO will complete preliminary design geotechnical analyses (through-seepage, underseepage and land side slope stability), and prepare a construction cost estimate for the preferred project alignment.*

***Task 3 - Environmental Surveys and Compliance (CEQA):*** *GEI will prepare a draft project description for the preferred project alignment and begin development of a draft CEQA document (IS-MND).*

***Task 4 – Evaluate Current and Future Grant Funding Opportunities:*** *Upon CA DWR approval of the Prop 68 FMPRA – Concept Proposal, the project team will begin preparation of the full grant submittal which will include a benefit cost analysis.*

**AGREEMENT #: YWA 2021-1 TRLIA**

**GRANTEE NAME: Three River Levee Improvement Authority**

**Attachments:**

1. Q3 2021 Financial Documentation and Reimbursement Request



# THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

1114 Yuba Street, Suite 218

Marysville, CA 95901

Office (530) 749-7841 Fax (530) 749-6990

November 15, 2021

**TO:** Wille Whittlesey, General Manager Yuba Water Agency  
Kurtis Crawford, Finance Manager, Yuba Water Agency

**FROM:** Paul Brunner, Executive Director

**SUBJECT:** North Training Wall Phase 2 Project – Q3 2021 Reimbursement Request

Three Rivers Levee Improvement Authority (TRLIA), through an existing grant agreement with Yuba Water Agency (YWA), is currently working to complete 65% design, and permitting of a flood risk reduction project on the Yuba River North Training Wall (NTW) – Phase 2. In July 2021, YWA made available \$1,100,000 in grant funds to TRLIA.

During Q3 2021 (April through June 2021), TRLIA expended \$66,053.51. TRLIA requests reimbursement of \$66,053.51 in expenditures. This reimbursement request will be funded through the grant funding agreement executed in July 2021.

Supporting invoices and summary documentation is provided as Attachment 1.

Sincerely,

A handwritten signature in blue ink that reads "Paul G. Brunner".

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Paul Brunner, P.E.  
TRLIA Executive Director

Attachments:

- Attachment 1 – TRLIA NTW Ph. 2 Q3 2021 Expense Summary & Invoices

**TRLIA - NTW Ph. 2 - Q3 2021 Expense Summary**

<b>Firms</b>	<b>Invoice Number</b>	<b>Date</b>	<b>Invoice Amount</b>
MBK	21-06-5142.2.1	7/15/2021	\$ 4,843.25
MBK	21-07-5142.2.1	8/15/2021	\$ 4,391.00
MBK	21-08-5142.2.1	9/15/2021	\$ 7,131.75
MBK	21-09-5142.2.1	10/15/2021	\$ 7,143.00
Wood Rodgers - ENGEO	147519	6/30/2021	\$ 7,586.25
Wood Rodgers - ENGEO	148426	7/30/2021	\$ 6,460.00
Wood Rodgers - ENGEO	150064	8/31/2021	\$ 7,872.00
Wood Rodgers - ENGEO	151012	9/30/2021	\$ 5,644.00
GEI	3093270	Thru Jun 2021	\$ 3,948.75
GEI	3094247	Thru Jul 2021	\$ 633.75
GEI	3096732	Thru Aug 2021	\$ 9,524.26
GEI	3097758	Thru Sep 2021	\$ 875.50
Total from Previous Quarters			\$ -
<b>Q3 2021 Total Expenditures</b>			<b>\$ 66,053.51</b>
<b>Total Billed Date</b>			<b>\$ 66,053.51</b>
<b>Total YWA Grant Funding</b>			<b>\$ 1,100,000.00</b>
<b>Remaining Funds</b>			<b>\$ 1,033,946.49</b>



Water Resources ♦ Flood Control ♦ Water Rights

Gilbert Cosio Jr., P.E.  
Marc Van Camp, P.E.  
Walter Bourez, III, P.E.  
Ric Reinhardt, P.E.  
Don Tricu, P.E.  
Darren Cordova, P.E.  
Nathan Hershey, P.E., P.L.S.  
Lee G. Bergfeld, P.E.  
Benjamin Tustison, P.E.  
Thomas Engler, P.E., CFM  
Michael Moncrief, P.E.

June 30, 2021

RECEIVED  
JUL 26 2021  
COUNTY OF YUBA  
AUDITOR - CONTROLLER

Angus Norman Murray  
1913-1985

Consultants:  
Joseph I. Burns, P.E.  
Donald E. Kienlen, P.E.

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-06-5142.2.1  
Bill Date July 20, 2021

3149-3701 PM, SCOPING & EVALUATION Reviewed - Tony Deus  
MBK 7/27/2021

Professional Services thru June 30, 2021

5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code

Total Professional Services	\$4,843.25
Total Expenses	\$0.00

Total Amount of This Invoice	<u>\$4,843.25</u>
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MBK ENGINEERS

By:

Richard G. Reinhardt  
Licensed Civil Engineer, C60093, by the  
California Board for Professional  
Engineers and Land Surveyors

MBK Engineers  
 455 University Avenue, Suite 100  
 Sacramento, CA 95825

Sent By: Loni Gray  
 Contract Administrator

Three Rivers Levee Improvement Auth MBK Client # **5141**

Date: July 21, 2021

Professional Services for the Period Ending: **6/30/2021**

Task Summary	Current Period	Previous Periods	Job to Date	Contract Limits	% Complete	Remaining
<b>5142.2</b>	\$1,142.00	\$307,343.74	\$308,485.74	\$ 249,000.00		
<i>NTW Phase 1</i>				\$ 60,000.00		
<b>5142.2.1</b>	\$4,843.25			\$ 58,000.00		
<i>NTW Phase 2</i>						
	<b>\$1,142.00</b>	<b>\$307,343.74</b>	<b>\$308,485.74</b>	<b>\$ 367,000.00</b>		<b>\$58,514.26</b>



**MBK Engineers**  
455 University Ave, Suite 100  
Sacramento, CA 95825

June 30, 2021

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-06-5142.2.1  
Bill Date July 20, 2021

Professional Services thru June 30, 2021

5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code

**Professional Services**

Rate      Hours      Amount

**Richard Reinhardt, Principal Engineer**

06/02/21	Design meeting	\$245.00/hr	1.00	245.00
06/14/21	Email	\$245.00/hr	0.25	61.25
06/15/21	Coordination on project	\$245.00/hr	0.50	122.50
06/23/21	Review and comment on GEI scope; review and comment on Wood Rodgers/Engeo scope	\$245.00/hr	1.00	245.00
06/25/21	Call with Karlshoet; review and comment on draft schedule	\$245.00/hr	0.50	122.50
06/28/21	Review of revised schedule	\$245.00/hr	0.25	61.25
06/29/21	Review and edits to draft staff reports	\$245.00/hr	1.00	245.00
06/30/21	Email	\$245.00/hr	0.25	61.25
	<b>Subtotal</b>		4.75	1,163.75

**Tony Deus, Senior Engineer**

06/22/21	NTW Ph. 2 coordination regarding TRLIA staff report; coordinate with GEI regarding same	\$223.00/hr	1.00	223.00
06/23/21	NTW Ph. 2 coordination regarding TRLIA staff report and contract amendments; coordinate with Turner and Reinhardt regarding same; coordinate with Wells regarding contract amendments	\$223.00/hr	3.25	724.75

County of Yuba

June 30, 2021

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
06/24/21	Draft budget tracking format; draft project schedule coordinate with project team regarding same	\$223.00/hr	2.75	613.25
06/25/21	Project coordination with Wood Rodgers and GEI regarding project schedule; prepare TRLIA board documents	\$223.00/hr	1.50	334.50
06/28/21	Revise draft project schedule per Reinhardt comments; coordinate with design team; draft Prop 68 outline	\$223.00/hr	2.00	446.00
06/29/21	Concept proposal for Prop 68 FMPRA Grant; finalize staff report coordinate with Turner regarding same	\$223.00/hr	3.50	780.50
06/30/21	Schedule coordination call with Wood Rodgers; project email; call with GEI regarding schedule tasks and durations; revise right of entry (Nordic)	\$223.00/hr	2.50	557.50
	Subtotal		<u>16.50</u>	<u>3,679.50</u>
	Total Professional Services		<u>21.25</u>	<u>\$4,843.25</u>





Water Resources ♦ Flood Control ♦ Water Rights

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AUG 25 2021

COUNTY OF YUBA  
AUDITOR - CONTROLLER

Gilbert Cosio Jr., P.E.  
Marc Van Camp, P.E.  
Walter Bourez, III, P.E.  
Ric Reinhardt, P.E.  
Don Trieu, P.E.  
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Benjamin Tustison, P.E.  
Thomas Engler, P.E., CFM  
Michael Moncrief, P.E.

July 31, 2021

Angus Norman Murray  
1913-1985

Consultants:  
Joseph I. Burns, P.E.  
Donald E. Kienlen, P.E.

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-07-5142.2.1  
Bill Date August 18, 2021

Professional Services thru July 31, 2021

5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code 3149-3701

Total Professional Services	\$4,391.00
Total Expenses	\$0.00

Total Amount of This Invoice	<u>\$4,391.00</u>
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MBK ENGINEERS

By: 

Richard G. Reinhardt  
Licensed Civil Engineer, C60093, by the  
California Board for Professional  
Engineers and Land Surveyors



MBK Engineers  
 455 University Avenue, Suite 100  
 Sacramento, CA 95825

Sent By: Loni Gray  
 Contract Administrator

Three Rivers Levee Improvement Auth MBK Client # 5141

Date: August 20, 2021

Professional Services for the Period Ending: 7/31/2021

Task Summary	Current Period	Previous Periods	Job to Date	Contract Limits	% Complete	Remaining
5141.0	\$2,556.00	\$85,860.00	\$88,416.00	\$ 1,675,000.00		
5141.06	\$2,218.50	\$169,021.10	\$171,239.60			
5141.07	\$0.00	\$8,312.50	\$8,312.50	\$ 100,000.00		\$ 91,687.50
5141.13	\$0.00	\$298.50	\$298.50			
5141.14	\$0.00	\$1,890.50	\$1,890.50	\$ (118,000.00)		
5141.15	\$0.00	\$5,824.00	\$5,824.00			
5141.27	\$2,875.00	\$1,964.25	\$4,839.25			
5141.28	\$0.00	\$62,086.33	\$62,086.33			
5141.281	\$117.50	\$4,644.00	\$4,761.50			
5141.436	\$3,893.00	\$10,555.50	\$14,448.50			
5141.443	\$0.00	\$15,100.62	\$15,100.62			
5141.446	\$4,588.00	\$20,646.00	\$25,234.00			
5141.61	\$0.00	\$758.75	\$758.75			
5151.62	\$0.00	\$153.00	\$153.00			
5141.711	\$8,736.00	\$687,090.50	\$695,826.50			
5141.711-1	\$37,301.25	\$365,202.29	\$402,503.54	\$ 150,000.00		
5141.711-2	\$0.00	\$9,749.75	\$9,749.75			
5141.711-3	\$324.00	\$14,469.54	\$14,793.54			
5141.712	\$0.00	\$2,253.75	\$2,253.75			
5141.713	\$116.50	\$38,947.75	\$39,064.25			
5141.714	\$1,242.00	\$50,709.55	\$51,951.55			
5141.72	\$940.00	\$34,996.32	\$35,936.32	\$ 25,000.00		\$ (10,936.32)
5141.73	\$0.00	\$14,601.08	\$14,601.08			
5141.9	\$756.00	\$30,483.00	\$31,239.00			
	<b>\$65,663.75</b>	<b>\$1,635,618.58</b>	<b>\$1,701,282.33</b>	<b>\$ 1,832,000.00</b>		<b>\$130,717.67</b>
<b>5142.2</b>	<b>\$1,469.75</b>	<b>\$308,485.74</b>	<b>\$309,955.49</b>	<b>\$ 249,000.00</b>		
<i>NTW Phase 1</i>				\$ 60,000.00		
				\$ 58,000.00		
<b>5142.2.1</b>	<b>\$4,391.00</b>	<b>\$4,843.25</b>	<b>\$9,234.25</b>			
<i>NTW Phase 2</i>						
	<b>\$1,469.75</b>	<b>\$308,485.74</b>	<b>\$309,955.49</b>	<b>\$ 367,000.00</b>		<b>\$57,044.51</b>
<b>Grand Totals Billed</b>	<b>\$67,133.50</b>	<b>\$1,944,104.32</b>	<b>\$2,011,237.82</b>	<b>\$ 2,199,000.00</b>		<b>\$187,762.18</b>

Progress Percent Complete (based on completed work)

Contract Dates: Through December 31, 2023

**MBK Engineers**  
455 University Ave, Suite 100  
Sacramento, CA 95825

July 31, 2021

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-07-5142.2.1  
Bill Date August 18, 2021

Professional Services thru July 31, 2021

5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code 3149-3701

**Professional Services**

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
<b><u>Don Trieu, Principal Engineer</u></b>				
07/08/21	Coordinate with Ho re hydraulic analysis	\$245.00/hr	0.50	122.50
	Subtotal		0.50	122.50
<b><u>Richard Reinhardt, Principal Engineer</u></b>				
07/06/21	Work on ROE for Karlshoet	\$245.00/hr	0.50	122.50
07/08/21	Email; review of Prop 68 draft grant application	\$245.00/hr	0.50	122.50
07/12/21	Coordination on project	\$245.00/hr	0.25	61.25
07/26/21	Design meeting and coordination on ROE	\$245.00/hr	1.00	245.00
	Subtotal		2.25	551.25
<b><u>Patrick Ho, Senior Engineer</u></b>				
07/07/21	Confer with Deus re NTW phase 2 tasks	\$212.00/hr	0.50	106.00
07/09/21	Confer with Trieu on model runs and plan files needed to complete Phase 2 task	\$212.00/hr	0.25	53.00
	Subtotal		0.75	159.00

County of Yuba

July 31, 2021

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
<u>Tony Deus, Senior Engineer</u>				
07/01/21	Coordinate with Bachman regarding right of entry figures; project email	\$223.00/hr	1.50	334.50
07/02/21	Right of entry coordination; project email	\$223.00/hr	1.00	223.00
07/06/21	Right of entry coordination; project email; Prop 68 concept proposal coordination	\$223.00/hr	0.75	167.25
07/07/21	Contract coordination with project team and TRLIA administrative staff; coordinate with Ho regarding Design WSE compilation	\$223.00/hr	2.00	446.00
07/08/21	Right of entry coordination	\$223.00/hr	0.50	111.50
07/14/21	Call with DWR regarding Prop 68 Grant schedule and concept proposal; project email	\$223.00/hr	1.00	223.00
07/15/21	Revise project schedule per team comment; coordinate with Wood Rodgers regarding contract status	\$223.00/hr	1.00	223.00
07/16/21	Project coordination; invoice coding	\$223.00/hr	1.00	223.00
07/19/21	Project coordination regarding draft schedule	\$223.00/hr	0.50	111.50
07/22/21	Project email; coordinate with McConnachie regarding invoicing status	\$223.00/hr	0.50	111.50
07/23/21	Project coordination	\$223.00/hr	0.25	55.75
07/26/21	Project kick off meeting; coordinate with Turner and Gray regarding existing funding; confer with Trieu regarding H&H modeling	\$223.00/hr	1.50	334.50
07/27/21	Project email; coordinate with McConnachie regarding invoicing status	\$223.00/hr	0.75	167.25
07/29/21	Review and incorporate TRLIA comments on 218 RFP for Hallwood	\$223.00/hr	1.50	334.50
	<b>Subtotal</b>		<b>13.75</b>	<b>3,066.25</b>
<u>Matt Bachman, Water Resource Associate</u>				
07/01/21	Plot right of entry figures with project features	\$164.00/hr	1.50	246.00
07/02/21	Plot right of entry figures with project features	\$164.00/hr	1.00	164.00
07/07/21	Plot right of entry figures with project features	\$164.00/hr	0.50	82.00
	<b>Subtotal</b>		<b>3.00</b>	<b>492.00</b>
	<b>Total Professional Services</b>		<b>20.25</b>	<b>\$4,391.00</b>



Water Resources • Flood Control • Water Rights

Gilbert Cosio Jr., P.E.  
Marc Van Camp, P.E.  
Walter Bourez, III, P.E.  
Ric Reinhardt, P.E.  
Don Trieu, P.E.  
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Nathan Hershey, P.E., P.L.S.  
Lee G. Bergfeld, P.E.  
Benjamin Tustison, P.E.  
Thomas Engler, P.E., CFM  
Michael Moncrief, P.E.

August 31, 2021

Angus Norman Murray  
1913-1985

Consultants:  
Joseph I. Burns, P.E.  
Donald E. Kienlen, P.E.

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-08-5142.2.1  
Bill Date September 20, 2021

Professional Services thru August 31, 2021

5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code 3149-3701

Total Professional Services	\$7,131.75
Total Expenses	\$0.00

Total Amount of This Invoice	<u>\$7,131.75</u>
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MBK ENGINEERS

By:

Richard G. Reinhardt  
Licensed Civil Engineer, C60093, by the  
California Board for Professional  
Engineers and Land Surveyors

**FILE COPY**



**MBK Engineers**  
455 University Ave, Suite 100  
Sacramento, CA 95825

**August 31, 2021**

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice # 21-08-5142.2.1  
Bill Date September 20, 2021

**Professional Services thru August 31, 2021**

**5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code 3149-3701**

**Professional Services**

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
<b><u>Richard Reinhardt, Principal Engineer</u></b>				
08/04/21	Coordination on project	\$245.00/hr	0.50	122.50
08/11/21	Coordination on project	\$245.00/hr	0.25	61.25
08/17/21	Review of drone footage; coordination on design; call with King and Brunner	\$245.00/hr	1.00	245.00
08/19/21	Coordination on project	\$245.00/hr	0.25	61.25
08/20/21	Call on ROW; email; call with Mathews on fish discharge pipe	\$245.00/hr	1.25	306.25
08/23/21	Travel to Marysville; meeting with Jens on ROE; email	\$245.00/hr	2.50	612.50
08/24/21	Coordination on project; call with Teichert; coordination on habitat; coordination on Hallwood ROE; call with Brunner	\$245.00/hr	1.75	428.75
08/26/21	Coordination on ROE; call on mitigation costs	\$245.00/hr	0.75	183.75
08/30/21	Call with Mathews; coordination on project	\$245.00/hr	0.50	122.50
	<b>Subtotal</b>		<hr/> 8.75	<hr/> 2,143.75
<b><u>Tony Deus, Senior Engineer</u></b>				
08/03/21	Attend DWR grant funding workshop for Prop 68 Grant Solicitation	\$223.00/hr	2.00	446.00

County of Yuba

August 31, 2021

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
08/06/21	Coordinate with McConnachie regarding NTW Ph. 2 invoicing; coordinate with King regarding Ph. 2 inspections	\$223.00/hr	1.00	223.00
08/09/21	Coordinate with GEI regarding Ph. 2 project area and parcel exhibits; call with Ho regarding H&H status	\$223.00/hr	1.25	278.75
08/10/21	Project email; coordinate with Reinhardt and Bachman regarding flight clearances	\$223.00/hr	0.25	55.75
08/11/21	Project email; coordinate with Reinhardt and Bachman regarding flight clearances	\$223.00/hr	0.50	111.50
08/12/21	Project email; coordinate with McConnachie regarding Q8 billing	\$223.00/hr	0.50	111.50
08/16/21	Project email; coordinate with TRLIA regarding Q1 invoicing	\$223.00/hr	0.50	111.50
08/17/21	Project email	\$223.00/hr	0.25	55.75
08/18/21	Confer with project team regarding existing topography and borrow quantity; call with Hilliard regarding design quantities	\$223.00/hr	1.50	334.50
08/19/21	Coordinate with McConnachie regarding GEI invoice; project email	\$223.00/hr	0.75	167.25
08/20/21	Call with Brunner and Reinhardt regarding ROE; project email	\$223.00/hr	1.50	334.50
08/24/21	Prepare right of entry for Cordua Water District; coordinate with project team regarding design quantities and assumptions; call with McConnachie regarding Ph. 1 - Ph. 2 change over	\$223.00/hr	3.50	780.50
08/25/21	Project coordination regarding budget status and burn rate; project email	\$223.00/hr	1.50	334.50
08/26/21	Project coordination regarding ROE; call with Reinhardt and GEI regarding Ph. 2 Tie In impact considerations	\$223.00/hr	1.50	334.50
08/27/21	Alternatives Analysis coordination with Wood Rodgers; call with GEI regarding same	\$223.00/hr	2.00	446.00
08/30/21	Project coordination regarding alternative analysis; review project footprint and alternative exhibits	\$223.00/hr	1.00	223.00
08/31/21	TRLIA LHMP Annex coordination with Reinhardt and Foster Morrison	\$223.00/hr	0.50	111.50
<b>Subtotal</b>			<b>20.00</b>	<b>4,460.00</b>

County of Yuba  
August 31, 2021

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
<b><u>Matt Bachman, Water Resource Associate</u></b>				
08/11/21	FAA COA for KBAB airspace planning and discussion with FAA representative	\$164.00/hr	1.50	246.00
	<b>Subtotal</b>		<u>1.50</u>	<u>246.00</u>
<b><u>Jason Bone, GIS Professional</u></b>				
08/24/21	Start to prepare Right of Entry map for Hallwood Irrigation Company	\$188.00/hr	0.50	94.00
08/25/21	Finish Right of Entry map for Hallwood Irrigation Company	\$188.00/hr	1.00	188.00
	<b>Subtotal</b>		<u>1.50</u>	<u>282.00</u>
	<b>Total Professional Services</b>		<u>31.75</u>	<u>\$7,131.75</u>

**MBK Engineers**  
455 University Ave, Suite 100  
Sacramento, CA 95825

September 30, 2021

County of Yuba  
Attn: TRLIA  
Auditor-Controller Office  
915 8th Street, Suite 105  
Marysville, CA 95901

Invoice# 21-09-5142.2.1  
Bill Date October 12, 2021

Professional Services thru September 30, 2021

**5142.2.1 - TRLIA North Training Wall Phase 2- Cost Code 3149-3701**  
**Professional Services**

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
<b><u>Don Trieu, Principal Engineer</u></b>				
09/29/21	Meeting re Phase 2 DWSE	\$245.00/hr	0.50	122.50
	Subtotal		0.50	122.50
<b><u>Richard Reinhardt, Principal Engineer</u></b>				
09/03/21	Team meeting; call with Brunner	\$245.00/hr	1.00	245.00
09/29/21	Meeting on hydraulic profiles	\$245.00/hr	0.50	122.50
	Subtotal		1.50	367.50
<b><u>Patrick Ho, Senior Engineer</u></b>				
09/01/21	Confer with Guilliams on Phase 2 design water surface elevation modeling task	\$212.00/hr	1.00	212.00
09/09/21	Review phase 1 model and verify plan files to use in Phase 2 analysis;	\$212.00/hr	0.50	106.00
09/13/21	Confer with Guilliams re modeling questions, next steps, and review of model edits	\$212.00/hr	0.25	53.00
09/14/21	Confer with Deus on overtopping of Cordua canal under 100- and 200-year	\$212.00/hr	0.25	53.00
09/15/21	Coordinate with Deus and Guilliams on NTW Phase 2 tie-in	\$212.00/hr	0.75	159.00
09/16/21	Review phase 2 alignment and provide to Guilliams for model incorporation	\$212.00/hr	0.25	53.00
09/22/21	Coordinate on phase 2 NTW qc review;	\$212.00/hr	1.00	212.00
09/23/21	QC review model results; tabulation and confer with Deus and Guilliams on status of review	\$212.00/hr	2.25	477.00

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
09/29/21	Confer with Deus, Reinhardt, Trieu, and Guilliams on hydraulic modeling status and coordination of the NTW Phase 2 work	\$212.00/hr	0.75	159.00
	<b>Subtotal</b>		<hr/> 7.00	<hr/> 1,484.00

**Tony Deus, Senior Engineer**

09/03/21	NTW Ph. 2 coordination meeting; revise project schedule; confer with Ho regarding H&H analysis; project email	\$223.00/hr	1.75	390.25
09/09/21	Project email regarding ROE coordination	\$223.00/hr	0.25	55.75
09/10/21	Confer with Ho regarding DWSE analysis schedule	\$223.00/hr	0.25	55.75
09/13/21	Coordinate with Magel regarding site access; scoping and budget coordination with Money and Turner	\$223.00/hr	1.50	334.50
09/14/21	Coordinate with Turner regarding NTW Ph. 2 budget status; project email	\$223.00/hr	0.50	111.50
09/15/21	Coordinate with McConnachie regarding Ph. 2 invoice and budget; call with Turner regarding Wood Rodgers budget status; confer with Ho and project team regarding design overtopping Cordua Canal	\$223.00/hr	1.50	334.50
09/16/21	Coordinate access and boring permit application with Teichert, ENGE0, and Yuba County	\$223.00/hr	0.50	111.50
09/21/21	Site access coordination regarding boring locations	\$223.00/hr	0.50	111.50
09/23/21	Review H&H analysis; project email	\$223.00/hr	0.50	111.50
09/24/21	Coordinate with Turner regarding NTW Ph. 2 scoping and budget	\$223.00/hr	0.50	111.50
09/27/21	Budget coordination and invoice tracking with McConnachie; project email; review FMPRA grant guidelines	\$223.00/hr	0.75	167.25
09/28/21	Project agreement review and coordination; confer with Reinhardt regarding DWR FPRMA grant solicitation	\$223.00/hr	1.00	223.00
09/29/21	WSE Elevation coordination meeting; coordinate with design team regarding schedule and duration; project email	\$223.00/hr	1.50	334.50
	<b>Subtotal</b>		<hr/> 11.00	<hr/> 2,453.00

**MacKenzie Guilliams, Junior Engineer**

09/01/21	Discussion with Ho on modeling and documentation tasks for North Training Wall Phase 2	\$112.00/hr	0.50	56.00
09/10/21	Review Phase 1 DWSE documentation and modeling files; develop modeling files for Phase 2 DWSE analysis; begin simulating plans for Phase 2 DWSE analysis	\$112.00/hr	4.50	504.00

		<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
09/13/21	Review model simulations for 200-year, 500-year and 200-year with climate change; begin developing post processing scripts to plot water surface profiles and generate DWSE tables; begin preparing GIS figures for documentation; discussion with Ho on model refinements; model adjustments and run additional 100-year simulation	\$112.00/hr	5.75	644.00
09/14/21	Continue developing documentation; discussion with teammates on outflanking near the Phase 2 alignment	\$112.00/hr	1.50	168.00
09/15/21	Discussions with Ho and Deus on hydraulic modeling results near Phase 2 alignment	\$112.00/hr	0.50	56.00
09/17/21	Revise model geometry to include new Phase 2 Alternative 4 alignment; model geometry refinements; begin running 200-year simulation with updated geometry	\$112.00/hr	2.25	252.00
09/21/21	Minor model refinements; review modeling results with Ho; begin preparing Maximum WSE profiles along Phase 2 alignment	\$112.00/hr	1.50	168.00
09/22/21	Check and post process model results into WSE tables and profiles; share results with Ho and Deus	\$112.00/hr	3.50	392.00
09/23/21	Discussion with Ho on model and Phase 2 analysis results	\$112.00/hr	0.50	56.00
09/24/21	Document model development and model files	\$112.00/hr	0.50	56.00
09/29/21	Meet with MBK team to discuss results of modeling the NTW Phase 2 and resulting WSE profiles; begin preparing additional requested items including profile of the complete alignment	\$112.00/hr	2.50	280.00
09/30/21	Prepare WSE profile of complete Phase 1 and Phase 2 alignment	\$112.00/hr	0.75	84.00
	<b>Subtotal</b>		<hr/> 24.25	<hr/> 2,716.00
	<b>Total Professional Services</b>		<hr/> <b>44.25</b>	<hr/> <b>\$7,143.00</b>



3149-3702 Approved - 7/16/2021 - Tony Deus  
MBK

Three Rivers Levee Improvement Authority  
 County of Yuba: Auditor-Controller Office  
 Re: TRLIA  
 915 8th Street, Suite 105  
 Marysville, CA 95901  
 United States

Invoice : 147519  
 Invoice Date : 06/30/2021  
 Due Date: 08/14/2021  
 Project : 8623003  
 Project Name : N. Training Wall Prelim Design  
 Client Code : 82913

**For Professional Services Rendered Through 06/30/2021**

	<b>Contract Amount</b>	<b>Percent Complete</b>	<b>Billed To Date</b>	<b>Previously Billed</b>	<b>Current Billed</b>
10 - Ph 2 PM & Coord T&M	47,793.00	15.87 %	7,586.25	0.00	7,586.25
11 - Ph 2 Topo Survey T&M	26,568.00	0.00 %	0.00	0.00	0.00
12 - Ph 2 Alts Analysis T&M	31,744.00	0.00 %	0.00	0.00	0.00
13 - Ph 2 65% Design/Plans/Specs T&M	155,413.00	0.00 %	0.00	0.00	0.00
14 Sub - Ph 2 ENGEO T&M	175,000.00	0.00 %	0.00	0.00	0.00
15 - Ph 2 Draft BODR T&M	27,257.00	0.00 %	0.00	0.00	0.00
16 - Ph 2 Enviro Support T&M	25,677.00	0.00 %	0.00	0.00	0.00
17 - Ph 2 ROW Support T&M	23,976.00	0.00 %	0.00	0.00	0.00
	-----		-----	-----	-----
	513,428.00	1.48 %	7,586.25	0.00	7,586.25

**Current Billings** 7,586.25  
**Amount Due This Bill** 7,586.25

**10 - Ph 2 PM & Coord T&M****Rate Labor**

<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	06/30/2021	30.00	190.000	5,700.00
<b>Associate Engineer III</b>					
Peter M Blum	Project Coordination	06/30/2021	8.50	210.000	1,785.00
<b>Project Coordinator</b>					
Christie A Levin	Report/Technical Memos	06/30/2021	0.75	135.000	101.25
<b>Total Rate Labor</b>					<b>7,586.25</b>
<b>Total Bill Task: 10 - Ph 2 PM &amp; Coord T&amp;M</b>					<b>7,586.25</b>



**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
NORTH TRAINING WALL PRELIMINARY DESIGN  
PHASE 2**

**PROGRESS REPORT – WOOD RODGERS  
MONTH OF: JUNE 2021**

Activities associated with Wood Rodgers' Invoice for the period identified above:

- Project management.
- Project coordination with project team.
- Coordinate and develop scope, budget, and schedule for Phase 2 Alternatives Analysis and 65% Design.



3149-3702 Approved - 8/12/2021 - Tony Deus  
MBK

Three Rivers Levee Improvement Authority  
 County of Yuba: Auditor-Controller Office  
 Re: TRLIA  
 915 8th Street, Suite 105  
 Marysville, CA 95901  
 United States

Invoice : 148426  
 Invoice Date : 07/31/2021  
 Due Date: 09/14/2021  
 Project : 8623003  
 Project Name : N. Training Wall Prelim Design  
 Client Code : 82913

**For Professional Services Rendered Through 07/31/2021**

	<b>Contract Amount</b>	<b>Percent Complete</b>	<b>Billed To Date</b>	<b>Previously Billed</b>	<b>Current Billed</b>
10 - Ph 2 PM & Coord T&M	47,793.00	19.62 %	9,376.25	7,586.25	1,790.00
11 - Ph 2 Topo Survey T&M	26,568.00	0.00 %	0.00	0.00	0.00
12 - Ph 2 Alts Analysis T&M	31,744.00	14.71 %	4,670.00	0.00	4,670.00
13 - Ph 2 65% Design/Plans/Specs T&M	155,413.00	0.00 %	0.00	0.00	0.00
14 Sub - Ph 2 ENGEO T&M	175,000.00	0.00 %	0.00	0.00	0.00
15 - Ph 2 Draft BODR T&M	27,257.00	0.00 %	0.00	0.00	0.00
16 - Ph 2 Enviro Support T&M	25,677.00	0.00 %	0.00	0.00	0.00
17 - Ph 2 ROW Support T&M	23,976.00	0.00 %	0.00	0.00	0.00
	----- 513,428.00	2.74 %	14,046.25	7,586.25	6,460.00

**Current Billings** 6,460.00  
**Amount Due This Bill** 6,460.00

**10 - Ph 2 PM & Coord T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	07/31/2021	5.00	190.000	950.00
<b>Associate Engineer III</b>					
Peter M Blum	Project Management	07/15/2021	2.00	210.000	420.00
Peter M Blum	Project Management	07/31/2021	1.00	210.000	210.00
Peter M Blum	Meetings	07/31/2021	1.00	210.000	210.00
<b>Total Associate Engineer III</b>			4.00		840.00
<b>Total Rate Labor</b>					<b>1,790.00</b>
<b>Total Bill Task: 10 - Ph 2 PM &amp; Coord T&amp;M</b>					<b>1,790.00</b>

**12 - Ph 2 Alts Analysis T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	07/31/2021	4.00	190.000	760.00
<b>Engineer II</b>					
Matthew S Zimmerman	Engineering	07/31/2021	23.00	170.000	3,910.00
<b>Total Rate Labor</b>					<b>4,670.00</b>
<b>Total Bill Task: 12 - Ph 2 Alts Analysis T&amp;M</b>					<b>4,670.00</b>

**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
NORTH TRAINING WALL PRELIMINARY DESIGN  
PHASE 2**

**PROGRESS REPORT – WOOD RODGERS  
MONTH OF: JULY 2021**

Activities associated with Wood Rodgers' Invoice for the period identified above:

- Project management and coordination.
- Project kick-off meeting.
- Preliminary setup of alternatives analysis and grading model.



3149-3702 Approved - 9/15/2021 - Tony Deus  
MBK

Three Rivers Levee Improvement Authority  
County of Yuba: Auditor-Controller Office  
Re: TRLIA  
915 8th Street, Suite 105  
Marysville, CA 95901  
United States

Invoice : 150064  
Invoice Date : 08/31/2021  
Due Date: 10/15/2021  
Project : 8623003  
Project Name : N. Training Wall Prelim Design  
Client Code : 82913

**For Professional Services Rendered Through 08/31/2021**

	<b>Contract Amount</b>	<b>Percent Complete</b>	<b>Billed To Date</b>	<b>Previously Billed</b>	<b>Current Billed</b>
10 - Ph 2 PM & Coord T&M	47,793.00	22.04 %	10,531.25	9,376.25	1,155.00
11 - Ph 2 Topo Survey T&M	26,568.00	0.00 %	0.00	0.00	0.00
12 - Ph 2 Alts Analysis T&M	31,744.00	32.12 %	10,195.00	4,670.00	5,525.00
13 - Ph 2 65% Design/Plans/Specs T&M	155,413.00	0.00 %	0.00	0.00	0.00
14 Sub - Ph 2 ENGEO T&M	175,000.00	0.68 %	1,192.00	0.00	1,192.00
15 - Ph 2 Draft BODR T&M	27,257.00	0.00 %	0.00	0.00	0.00
16 - Ph 2 Enviro Support T&M	25,677.00	0.00 %	0.00	0.00	0.00
17 - Ph 2 ROW Support T&M	23,976.00	0.00 %	0.00	0.00	0.00
	----- 513,428.00	4.27 %	21,918.25	14,046.25	7,872.00

**Current Billings** 7,872.00  
**Amount Due This Bill** 7,872.00

**10 - Ph 2 PM & Coord T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer III</b>					
Peter M Blum	Project Management	08/15/2021	2.50	210.000	525.00
Peter M Blum	Project Management	08/31/2021	3.00	210.000	630.00
<b>Total Associate Engineer III</b>			5.50		1,155.00
<b>Total Rate Labor</b>					<b>1,155.00</b>
<b>Total Bill Task: 10 - Ph 2 PM &amp; Coord T&amp;M</b>					<b>1,155.00</b>

**12 - Ph 2 Alts Analysis T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	08/15/2021	6.00	190.000	1,140.00
Charles W Hilliard	Engineering	08/31/2021	11.00	190.000	2,090.00
<b>Total Associate Engineer I</b>			17.00		3,230.00
<b>Engineer II</b>					
Matthew S Zimmerman	Engineering	08/15/2021	5.00	170.000	850.00
Matthew S Zimmerman	Engineering	08/31/2021	8.50	170.000	1,445.00
<b>Total Engineer II</b>			13.50		2,295.00
<b>Total Rate Labor</b>					<b>5,525.00</b>
<b>Total Bill Task: 12 - Ph 2 Alts Analysis T&amp;M</b>					<b>5,525.00</b>

**14 Sub - Ph 2 ENGEO T&M**

<b>Expenses</b>					
<i>Vendor</i>		<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>	
Engeo Inc.		1,192.00	1.00	1,192.00	
<b>Total Expenses</b>					<b>1,192.00</b>

**Invoice****Invoice Total \$1,400.50**

2010 Crow Canyon Place, Suite 250  
 San Ramon, CA 94583  
 Phone (925) 866-9000  
 Fax (888) 279-2698

Mr. Jonathan Kors, PE, PMP  
 Wood Rodgers, Inc.  
 3301 C Street, Building 100-B  
 Sacramento, CA 95816

August 6, 2021  
 Invoice No: 264377  
 Project Manager: Mark Gilbert  
 Project Assistant: Stacey Lacy

Project 09389.000.001 Goldfields North Training Wall  
**Professional Services through July 31, 2021**

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Phase 001 30% Design  
 Client Amendment 1 dated 02/26/21, fully executed 02/26/21  
 Client Contract Project No. 8623003 dated 03/04/20, fully executed 04/07/20  
 Continued geotechnical engineering support for the design team.

**Professional Personnel**

	Hours	Rate	Amount	
Principal Engineer	.50	298.00	149.00	
Project Assistant	.50	119.00	59.50	
Totals	1.00		208.50	
<b>Total Labor</b>				<b>208.50</b>

**Contract Summary**

	Current	Previous	To Date	
Total Billings	208.50	113,780.95	113,989.45	
Contract Amount			131,000.00	
Contract Remaining			17,010.55	
		<b>Subtotal this Phase</b>		<b>\$208.50</b>

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Phase 002 Phase 2 Design  
 Client Contract, *pending*

Geotechnical engineering support for Phase 2 alternative selection and scoping for design. Attended Phase 2 team meeting 07-26-2021.

**Professional Personnel**

	Hours	Rate	Amount	
Principal Engineer	4.00	298.00	1,192.00	
Totals	4.00		1,192.00	
<b>Total Labor</b>				<b>1,192.00</b>
		<b>Subtotal this Phase</b>		<b>\$1,192.00</b>

**Total this Invoice** \$1,400.50

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Project	09389.000.001	Goldfields North Training Wall	Invoice	264377
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**Outstanding Invoices**

<b>Number</b>	<b>Date</b>	<b>Balance</b>
263471	7/9/2021	6,101.50
<b>Total</b>		<b>6,101.50</b>

*\*EMAIL: ap@woodrogers.com\**



**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
NORTH TRAINING WALL PRELIMINARY DESIGN  
PHASE 2**

**PROGRESS REPORT – WOOD RODGERS  
MONTH OF: AUGUST 2021**

Activities associated with Wood Rodgers' Invoice for the period identified above:

- Project management and coordination.
- Project kick-off meeting.
- Preliminary setup of alternatives analysis and grading model.



**Three Rivers Levee Improvement Authority**  
**County of Yuba: Auditor-Controller Office**  
**Re: TRLIA**  
**915 8th Street, Suite 105**  
**Marysville, CA 95901**  
**United States**

**Invoice :** 151012  
**Invoice Date :** 09/30/2021  
**Due Date:** 11/14/2021  
**Project :** 8623003  
**Project Name :** N. Training Wall Prelim Design  
**Client Code :** 82913

**For Professional Services Rendered Through 09/30/2021**

	<b>Contract Amount</b>	<b>Percent Complete</b>	<b>Billed To Date</b>	<b>Previously Billed</b>	<b>Current Billed</b>
10 - Ph 2 PM & Coord T&M	47,793.00	27.61 %	13,196.25	10,531.25	2,665.00
11 - Ph 2 Topo Survey T&M	26,568.00	0.00 %	0.00	0.00	0.00
12 - Ph 2 Alts Analysis T&M	31,744.00	41.03 %	13,025.00	10,195.00	2,830.00
13 - Ph 2 65% Design/Plans/Specs T&M	155,413.00	0.00 %	0.00	0.00	0.00
14 Sub - Ph 2 ENGEO T&M	175,000.00	0.77 %	1,341.00	1,192.00	149.00
15 - Ph 2 Draft BODR T&M	27,257.00	0.00 %	0.00	0.00	0.00
16 - Ph 2 Enviro Support T&M	25,677.00	0.00 %	0.00	0.00	0.00
17 - Ph 2 ROW Support T&M	23,976.00	0.00 %	0.00	0.00	0.00
	----- 513,428.00	5.37 %	27,562.25	21,918.25	5,644.00

<b>Current Billings</b>	5,644.00
<b>Amount Due This Bill</b>	<u>5,644.00</u>

**10 - Ph 2 PM & Coord T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	09/15/2021	7.00	190.000	1,330.00
Charles W Hilliard	Engineering	09/30/2021	3.00	190.000	570.00
<b>Total Associate Engineer I</b>			10.00		1,900.00
<b>Associate Engineer III</b>					
Peter M Blum	Meetings	09/15/2021	2.00	210.000	420.00
Peter M Blum	Project Management	09/15/2021	0.50	210.000	105.00
Peter M Blum	Project Management	09/30/2021	0.50	210.000	105.00
<b>Total Associate Engineer III</b>			3.00		630.00
<b>Project Coordinator</b>					
Christie A Levin	Report/Technical Memos	09/15/2021	1.00	135.000	135.00
<b>Total Rate Labor</b>					<b>2,665.00</b>
<b>Total Bill Task: 10 - Ph 2 PM &amp; Coord T&amp;M</b>					<b>2,665.00</b>

**12 - Ph 2 Alts Analysis T&M**

<b>Rate Labor</b>					
<i>Classification / Employee</i>	<i>Activity</i>	<i>Date</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Associate Engineer I</b>					
Charles W Hilliard	Engineering	09/15/2021	4.00	190.000	760.00
Charles W Hilliard	Engineering	09/30/2021	10.00	190.000	1,900.00
<b>Total Associate Engineer I</b>			14.00		2,660.00
<b>Engineer II</b>					
Matthew S Zimmerman	Engineering	09/30/2021	1.00	170.000	170.00
<b>Total Rate Labor</b>					<b>2,830.00</b>
<b>Total Bill Task: 12 - Ph 2 Alts Analysis T&amp;M</b>					<b>2,830.00</b>

**14 Sub - Ph 2 ENGEO T&M**

<b>Expenses</b>			<i>Cost</i>	<i>Multiplier</i>	<i>Amount</i>
<i>Vendor</i>					
Engeo Inc.			149.00	1.00	149.00
<b>Total Expenses</b>					<b>149.00</b>

**Invoice****Invoice Total \$357.50**

2010 Crow Canyon Place, Suite 250  
 San Ramon, CA 94583  
 Phone (925) 866-9000  
 Fax (888) 279-2698

Mr. Jonathan Kors, PE, PMP  
 Wood Rodgers, Inc.  
 3301 C Street, Building 100-B  
 Sacramento, CA 95816

September 10, 2021  
 Invoice No: 265497  
 Project Manager: Mark Gilbert  
 Project Assistant: Stacey Lacy

Project 09389.000.001 Goldfields North Training Wall

**Professional Services through August 31, 2021**

Phase 001 30% Design

Client Amendment 1 dated 02/26/21, fully executed 02/26/21  
 Client Contract Project No. 8623003 dated 03/04/20, fully executed 04/07/20

Continued geotechnical engineering support for the design team.

**Professional Personnel**

	Hours	Rate	Amount	
Principal Engineer	.50	298.00	149.00	
Project Assistant	.50	119.00	59.50	
Totals	1.00		208.50	
<b>Total Labor</b>				<b>208.50</b>

**Contract Summary**

	Current	Previous	To Date	
Total Billings	208.50	113,989.45	114,197.95	
Contract Amount			131,000.00	
Contract Remaining			16,802.05	
				<b>Subtotal this Phase \$208.50</b>

Phase 002 Phase 2 Design

Client Contract, *pending*

Continued geotechnical engineering support for the design team.

**Professional Personnel**

	Hours	Rate	Amount	
Principal Engineer	.50	298.00	149.00	
Totals	.50		149.00	
<b>Total Labor</b>				<b>149.00</b>

**Subtotal this Phase \$149.00**

**Total this Invoice \$357.50**

**Outstanding Invoices**

Number	Date	Balance
263471	7/9/2021	6,101.50

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Project	09389.000.001	Goldfields North Training Wall	Invoice	265497
	264377	8/6/2021		1,400.50
	<b>Total</b>			<b>7,502.00</b>

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*\*EMAIL: ap@woodrogers.com\**

**THREE RIVERS LEVEE IMPROVEMENT AUTHORITY  
NORTH TRAINING WALL PRELIMINARY DESIGN  
PHASE 2**

**PROGRESS REPORT – WOOD RODGERS  
MONTH OF: SEPTEMBER 2021**

Activities associated with Wood Rodgers' Invoice for the period identified above:

- Project management and coordination.
- Preliminary design of alternatives analysis and grading model.
- Development of preliminary project alternative exhibits.



PLEASE REMIT TO:  
 PO Box 843005  
 Boston, MA 02284-3005

**GEI PAYMENT INFORMATION:** In accordance with industry best practices and to help prevent fraud, please contact Julio Guerrero, Senior AR Specialist (781-721-4013) to verify any requests for change in the GEI Payment Instructions. For any billing questions, please contact Billing@GEIConsultants.com.

**THREE RIVERS LEVEE IMPROVEMENT  
 COUNTY OF YUBA  
 AUDITOR'S OFFICE  
 915 EIGHT STREET, SUITE 105  
 MARYSVILLE, CA 95901-5273  
 United States**

**Invoice :** 3093270  
**Invoice Date :** 7/16/2021  
**Due Date :** 8/15/2021  
**Project :** 050115  
**Project Name :** TRLIA-FEATHER RIVER LEVEE REPAIRS

**For Professional Services Rendered For 5/29/2021 Through 6/25/2021**

Task Order 4000

**05 - NORTH TRAINING WALL PROJECT**

4000 - NORTH TRAINING WALL PROJECT  
*Rate Labor* 4,436.25

**Current  
 Billings**

4,436.25

**Current Billings** 4,436.25  
**Amount Due This Bill** 4,436.25

**Total Fee :** 227,686.00  
**To Date Billings :** 154,378.37  
**Total Remaining :** 73,307.63

**Anne M King**

**1 - NORTH TRAINING WALL PROJECT MANAGEMENT**

3149-3703 PRELIMINARY ENVIRONMENTAL REVIEW

**Rate Labor**

Reviewed - Tony Deus MBK 8/6/2021

<i>Class / Employee</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Senior Professional - Grade 6</b>			
Mark J Ashenfelter	1.50	195.000	292.50
Anne M King	18.75	195.000	3,656.25
<b>Total Senior Professional - Grade 6</b>	----- 20.25		----- 3,948.75
<b>Total Rate Labor</b>			<b>3,948.75</b>

**Total Bill Task: 1 - NORTH TRAINING WALL PROJECT MANAGEMENT****3,948.75****4 - NORTH TRAINING WALL PERMITTING**

3148-3703 PRELIMINARY ENVIRONMENTAL REVIEW

**Rate Labor**

Reviewed - Tony Deus MBK 8/6/2021

<i>Class / Employee</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Senior Professional - Grade 6</b>			
Sarah A. Norris	2.50	195.000	487.50
<b>Total Rate Labor</b>			<b>487.50</b>

**Total Project: 050115 - TRLIA-FEATHER RIVER LEVEE REPAIRS****4,436.25**



**FEATHER RIVER LEVEE REPAIR PROJECT  
FEATHER RIVER SETBACK LEVEE  
MONTHLY PROGRESS REPORT**

**GEI CONSULTANTS, INC.**

**Report Date: July 2, 2021**

**Report Period: May 30, 2021 – June 25, 2021**

**GEI Invoice No: 3093270**

The following activities were performed by GEI Consultants, Inc. for the North Training Wall Project.

**Task 4001 – North Training Wall Project Management**

- Maintained project files and invoicing
- Phase 2 project planning

**Task 4004 – North Training Wall Permitting**

- Coordinated with USACE staff



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 Boston, MA 02284-3005

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**THREE RIVERS LEVEE IMPROVEMENT  
 COUNTY OF YUBA  
 AUDITOR'S OFFICE  
 915 EIGHT STREET, SUITE 105  
 MARYSVILLE, CA 95901-5273  
 United States**

**Invoice :** 3094247  
**Invoice Date :** 8/10/2021  
**Due Date :** 9/9/2021  
**Project :** 050115  
**Project Name :** TRLIA-FEATHER RIVER LEVEE REPAIRS

**For Professional Services Rendered For 6/26/2021 Through 7/30/2021**

Task Order 4000

**05 - NORTH TRAINING WALL PROJECT**

4000 - NORTH TRAINING WALL PROJECT  
*Rate Labor* 1,462.50

**Current  
 Billings**

1,462.50

**Current Billings** 1,462.50  
**Amount Due This Bill** 1,462.50

**Total Fee :** 227,686.00  
**To Date Billings :** 155,840.87  
**Total Remaining :** 71,845.13

**Anne M King**

Outstanding Receivables	Invoice Number	Date	Amount	Balance Due
	3093270	7/16/2021	4,436.25	4,436.25
				4,436.25

1 - NORTH TRAINING WALL PROJECT MANAGEMENT

3149-3703 PRELIMINARY ENVIRONMENTAL REVIEW

Reviewed - Tony Deus MBK 8/16/2021

Rate Labor Class / Employee	Hours	Rate	Amount
<b>Senior Professional - Grade 6</b>			
Anne M King	3.25	195.000	633.75
<b>Total Rate Labor</b>			<b>633.75</b>

4 - NORTH TRAINING WALL PERMITTING

3148-3703 PRELIMINARY ENVIRONMENTAL REVIEW

Reviewed - Tony Deus MBK 8/16/2021

Rate Labor Class / Employee	Hours	Rate	Amount
<b>Senior Professional - Grade 6</b>			
Anne M King	4.25	195.000	828.75
<b>Total Rate Labor</b>			<b>828.75</b>

Total Project: 050115 - TRLIA-FEATHER RIVER LEVEE REPAIRS

1,462.50

**FEATHER RIVER LEVEE REPAIR PROJECT  
FEATHER RIVER SETBACK LEVEE  
MONTHLY PROGRESS REPORT**

**GEI CONSULTANTS, INC.**

**Report Date:** August 8, 2021

**Report Period:** June 26, 2021 – July 30, 2021

**GEI Invoice No:** 3094247

The following activities were performed by GEI Consultants, Inc. for the North Training Wall Project.

**Task 4001 – North Training Wall Project Management**

- Maintained project files and invoicing
- Phase 2 project planning

**Task 4004 – North Training Wall Permitting**

- Coordinated with team and RWQCB and USACE staff



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 Boston, MA 02284-3005

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Three Rivers Levee Improvement  
 COUNTY OF YUBA  
 AUDITOR'S OFFICE  
 915 EIGHT STREET, SUITE 105  
 MARYSVILLE, CA 95901-5273  
 United States

Invoice : 3096732  
 Invoice Date : 9/17/2021  
 Due Date : 10/17/2021  
 Project : 050115  
 Project Name : TRLIA-FEATHER RIVER LEVEE  
 REPAIRS

**For Professional Services Rendered For 7/31/2021 Through 8/27/2021**

Phase 2 - Task Order (4005-4009)

**3149-3703 PRELIMINARY ENVIRONMENTAL REVIEW**  
 Reviewed - Tony Deus MBK 9/27/2021

**05 - NORTH TRAINING WALL PROJECT**

4000 - NORTH TRAINING WALL PROJECT  
 Rate Labor 9,442.50  
 Unit Rate Expense 81.76

**Current**  
**Billings**  
 9,524.26

**Current Billings** 9,524.26  
**Amount Due This Bill** 9,524.26

**Total Fee :** 489,502.00  
**To Date Billings :** 165,950.13  
**Total Remaining :** 323,551.87

**Anne M King**

Outstanding Receivables	Invoice Number	Date	Amount	Balance Due
	3096739	9/17/2021	585.00	585.00
				585.00

**6 - NTW Ph 2 Bio Resources**

**Rate Labor**

<i>Class / Employee</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Senior Professional - Grade 5</b>			
Stephen G Irving	10.00	181.000	1,810.00
<b>Senior Professional - Grade 6</b>			
Sarah A. Norris	17.00	206.000	3,502.00
Anne M King	15.50	206.000	3,193.00
<b>Total Senior Professional - Grade 6</b>	32.50		6,695.00
<b>Staff Professional - Grade 2</b>			
Hannah M Dunn	7.50	125.000	937.50
<b>Total Rate Labor</b>			<b>9,442.50</b>

**Unit Rate Expenses**

<i>Account / Unit / Vendor</i>	<i>Quantity</i>	<i>Rate</i>	<i>Amount</i>
<b>Travel</b>			
<b>Mileage</b>			
GEI Company Vehicle	146.00	0.560	81.76
<b>Total Unit Rate Expenses</b>			<b>81.76</b>

**Total Bill Task: 6 - NTW Ph 2 Bio Resources** **9,524.26**

**Total Project: 050115 - TRLIA-FEATHER RIVER LEVEE REPAIRS** **9,524.26**

**FEATHER RIVER LEVEE REPAIR PROJECT  
FEATHER RIVER SETBACK LEVEE  
MONTHLY PROGRESS REPORT**

**GEI CONSULTANTS, INC.**

**Report Date: September 3, 2021**

**Report Period: July 31, 2021 – August 27, 2021**

**GEI Invoice No: 3096732**

The following activities were performed by GEI Consultants, Inc. for Phase 1 of the North Training Wall Project.

**Task 4006 – North Training Wall Phase 2 Biological Resources**

- Conducted biological resources field survey
- Compiled and evaluated field survey results

## 2021 Mileage On Company Vehicles GEI Consultants, Inc.

.56 / Mile

Emp. # \_\_\_\_\_

Org Code \_\_\_\_\_

Employee Name Sarah Norris

Date	Project No.	Project Name	Task Code	No. of Miles	Total .56
8/18/2021	050115	North Training Wall Phase 2	4000	146.0	\$ 81.76
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Unit Code 4100			<b>TOTAL</b>	146.0	\$ 81.76

PLEASE KEEP A COPY OF YOUR MILEAGE REPORT FOR YOUR FILE





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 Boston, MA 02284-3005

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**3149-3703 PRELIMINARY ENVIRONMENTAL REVIEW**  
 Reviewed - Tony Deus MBK 10/13/2021

**Three Rivers Levee Improvement**  
**COUNTY OF YUBA**  
**AUDITOR'S OFFICE**  
**915 EIGHT STREET, SUITE 105**  
**MARYSVILLE, CA 95901-5273**  
**United States**

**Invoice :** 3097758  
**Invoice Date :** 10/11/2021  
**Due Date :** 11/10/2021  
**Project :** 050115  
**Project Name :** TRLIA-FEATHER RIVER LEVEE REPAIRS

**For Professional Services Rendered For 8/28/2021 Through 9/24/2021**

Phase 2 Task Orders ( 4005-4009)

**05 - NORTH TRAINING WALL PROJECT**

	<u>Current Billings</u>
4000 - NORTH TRAINING WALL PROJECT	875.50
Rate Labor	875.50
	<b>Current Billings</b>
	<u>875.50</u>
	<b>Amount Due This Bill</b>
	<u>875.50</u>

**Total Fee :** 489,502.00  
**To Date Billings :** 175,800.88  
**Total Remaining :** 313,701.12

**Anne M King**

<b>Outstanding Receivables</b>	Invoice Number	Date	Amount	Balance Due
	3096732	9/17/2021	9,524.26	9,524.26
	3096739	9/17/2021	585.00	585.00
	3097754	10/11/2021	8,975.25	8,975.25
				19,084.51

**5 - NTW Ph 2 Project Management**

**Rate Labor**

<i>Class / Employee</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Senior Professional - Grade 6</b>			
Anne M King	1.25	206.000	257.50
<b>Total Rate Labor</b>			<b>257.50</b>

**9 - NTW Ph 2 Permitting**

**Rate Labor**

<i>Class / Employee</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
<b>Senior Professional - Grade 6</b>			
Anne M King	2.00	206.000	412.00
Nicholas A Tomera	1.00	206.000	206.00
<b>Total Senior Professional - Grade 6</b>	3.00		618.00
<b>Total Rate Labor</b>			<b>618.00</b>

**Total Bill Task: 9 - NTW Ph 2 Permitting** **618.00**

**Total Project: 050115 - TRLIA-FEATHER RIVER LEVEE REPAIRS** **875.50**

**FEATHER RIVER LEVEE REPAIR PROJECT  
FEATHER RIVER SETBACK LEVEE  
MONTHLY PROGRESS REPORT**

**GEI CONSULTANTS, INC.**

**Report Date: October 7, 2021**

**Report Period: August 28, 2021 – September 24, 2021**

**GEI Invoice No: 3097758**

The following activities were performed by GEI Consultants, Inc. for Phase 1 of the North Training Wall Project.

**Task 4005 – North Training Wall Phase 2 Project Management**

- Invoicing and file management
- Participated in team meeting

**Task 4009 – North Training Wall Phase 2 Permitting**

- Evaluated 404 permitting approach options