



TEAMENVIRONMENTAL.COM

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March 15, 2022

Board of Directors  
Tri-Valley Groundwater Management District  
P.O. Box 936  
Benton, CA 93512

Dear TVGWMD Board of Directors:

We appreciate the opportunity to provide you with the following Proposal for Professional Services, for supplemental groundwater level monitoring in the Tri-Valley Area of Mono County. TEAM Environmental has been providing environmental consulting and groundwater monitoring services to clients in the Eastern Sierra for 35 years (formerly known as TEAM Engineering & Management). We have the qualifications and experience necessary to assist the TVGWMD with objective and accurate groundwater data collection.

If you have any questions or comments, please contact us. If you are in agreement with the proposed scope of work summarized herein, and the terms of the Proposal are acceptable to you, an Agreement for Professional Services will be provided to encompass the agreed upon scope of work, schedule/term, and costs.

We look forward to assisting Tri Valley Groundwater Management District with supplemental groundwater level monitoring in the Tri-Valley Area.

Respectfully submitted,

TEAM Environmental, Inc.

A handwritten signature in blue ink that reads "Naomi Jensen".

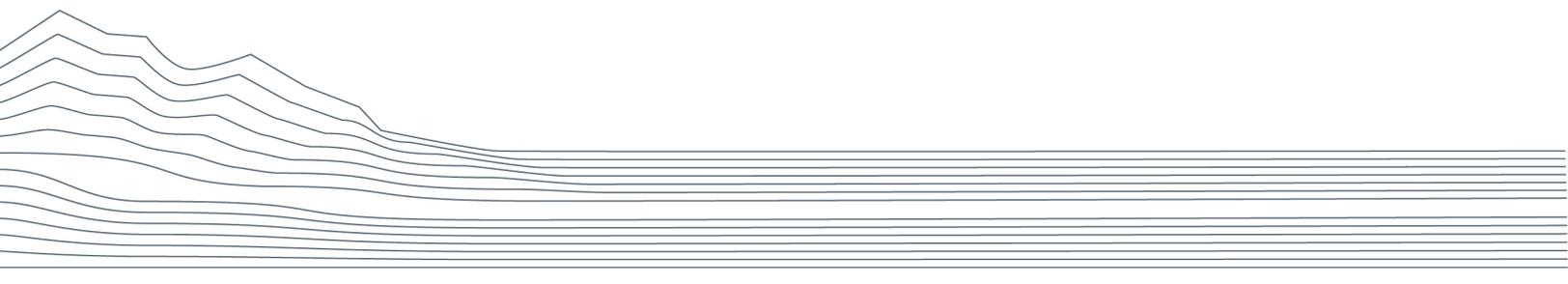
Naomi Jensen  
President

[naomi@teamenvironmental.com](mailto:naomi@teamenvironmental.com)

A handwritten signature in black ink that reads "Richard Shore".

Richard Shore  
Professional Geologist

[richard@teamenvironmental.com](mailto:richard@teamenvironmental.com)



## PROPOSAL FOR PROFESSIONAL SERVICES

TEAM Environmental, Inc. (TEAM) is pleased to provide the following Proposal for Professional Services to the Tri-Valley Groundwater Management District (Client). This proposal is for professional services related to the quarterly groundwater level monitoring of 4 privately-owned domestic wells within the Tri-Valley Groundwater Management District (TVGMD), located in Mono County, California.

### PRIMARY OBJECTIVE

The primary objective of the proposed scope of work is for TEAM to provide third-party, objective groundwater level monitoring at 4 privately-owned domestic wells in the TVGMD on a quarterly basis. Based on February and March 2022 phone calls with Andy Puhvel of the TVGMD Advisory Committee, this routine quarterly monitoring is anticipated to consist of the collection of manual depth-to-water (DTW) measurements at each well and providing basic DTW tables for the quarterly period. Additional optional tasks could include downloading and processing data from pressure transducers installed in the wells and producing quarterly hydrographs. The scope of work and cost proposal are provided below.

### SCOPE OF WORK

To meet the objectives stated above, the following tasks/subtasks are proposed:

#### Task 1: Quarterly Groundwater Level Monitoring

TEAM representatives will meet with TVGMD Advisory Committee staff on-site for the initial quarterly field to inspect the accessibility and viability of measuring ports at each of the 4 privately-owned domestic wells in the TVGMD. TEAM will collect manual DTW data from these 4 privately-owned domestic wells on a quarterly basis (every 3-months) at the Client's request, starting in Spring 2022. Reasonable efforts will be made to obtain access to all proposed monitoring wells in any given quarterly event, but costs assume additional site visits will not be necessary based on well access.

Water levels in the subject wells will be monitored according to general geologic and environmental standards. All field equipment will be properly decontaminated before using, and between well locations. Efforts will be made to minimize contact with existing in-well infrastructure, however since domestic well and pump installation can vary widely, inherent risks of interference with the water level monitoring equipment is the responsibility of the well owner.

TEAM will prepare a tabular summary of water level data collected as requested. Generally, tables will be submitted to the Client within 14 of completing the field work. Reporting will be limited to the presentation of water level data collected for TVGMD Advisory Committee purposes and will not be submitted to any regulatory agencies or online databases. If

additional technical reporting or data uploads are required by the TVGMD, additional costs would apply.

## Task 2: OPTIONAL Transducer Data Processing & Reporting

If requested and provided by TVGMD, TEAM representatives will calibrate, install, and activate pressure transducers in each of the 4 wells for water level datalogging purposes. TEAM will download pressure transducer data from in-well dataloggers from the 4 privately-owned domestic wells on a quarterly basis (every 3-months) in conjunction with the quarterly groundwater level monitoring event. Transducer inspection and maintenance will be limited to visual inspection and desiccant replacement where necessary. All other datalogging equipment maintenance, repair or replacement will continue to be the responsibility of the TVGMD.

TEAM will perform basic quarterly data processing activities, which will include the correlation of transducer data to manual DTW level measurements and the creation of hydrographs for each well. Generally, hydrographs will be submitted to the Client along with the DTW tables.

Additional tasks anticipated under Task 3 include QA/QC review of water level data and hydrographs, integration of historic data and surveyed well casing and/or measuring point elevations, and communication of any identified maintenance issues or data anomalies to the TVGMD. If additional technical reporting is required by the TVGMD, additional costs would apply.

## Project Management and Staffing

TEAM has the qualifications, experience, and knowledge of local conditions necessary to perform this work for the TVGMD. TEAM's Project Manager for the work proposed herein will be Naomi Jensen. Quarterly groundwater monitoring and reporting activities will be led by Richard Shore, California Professional Geologist. TEAM environmental scientists, administrative and support staff will also be available as needed to complete the tasks proposed herein.

## Assumptions

Assumptions made in this proposal include:

- Well maintenance and security will be the responsibility of the private property owners and/or the TVGMD.
- Access agreements will be in place for TEAM to monitor wells on private property, and safe reasonable access will be maintained to all monitoring points.
- The privately-owned domestic wells proposed for the routine quarterly monitoring are equipped with the necessary casing height/ports and are physically capable of having a water sounder plumb the well.

- A TVGMD Advisory Committee member familiar with the Project's monitoring locations will be made available for TEAM's initial quarterly monitoring event to assist with well location and act as liaison to private property owners.
- Transducers, if required, will be provided by the Client and will be In-Situ, Inc. brand or compatible with the In-Situ interface for data downloading. If other brand dataloggers are used, additional equipment rental costs may apply.
- Transducer upkeep and maintenance will be the responsibility of the private property owners and/or the TVGMD.
- No groundwater quality monitoring or laboratory analytical sampling is proposed or anticipated.
- TEAM reports groundwater level monitoring results to the TVGMD Advisory Committee without data analysis. Data tables and hydrographs (if required) will be updated as data is collected. Interpretation of the groundwater data with respect to regional groundwater resources is not anticipated as part of this initial scope of work

## Schedule

TEAM understands that the Client wants to initiate this supplemental groundwater level monitoring in Spring 2022 and collect quarterly groundwater data for an initial period of one year. Upon receipt of a signed Agreement, TEAM anticipates initiation of Task 1 within 7 days.

Data tables and hydrographs (if required) will be updated and provided to the TVGWMD within 14 days of data collection events. This schedule is subject to modification, as mutually agreed upon by TVGWMD and TEAM.

## Costs, Invoicing and Terms

The work proposed herein will be billed to the Client on a Time and Materials (T&M) basis according to TEAM's current Schedule of Fees and Charges at the time that the services are performed. TEAM's not-to-exceed cost estimate to perform the work proposed in Task 1 for a period of one year (4 Quarters) is **\$6,500**, as summarized below. TEAM's not-to-exceed cost estimate to perform the work proposed in Optional Task 2, for a period of one year (4 Quarters) is approximately **\$4,000**, as summarized below. It is anticipated that the scope of the requested services may vary with the addition of dataloggers, additional wells, or additional reporting as directed by the TVGWMD or associated regulatory agencies, therefore, this cost estimate should be considered a recommended budget, subject to revision as scope of work is further defined or requested.

We will make every effort to complete the project as cost-effectively as possible, and if the work is completed for less effort than anticipated, cost savings will be passed on to the Client. Invoiced costs will not exceed the not-to-exceed amount without explicit approval from TVGWMD. A summary of estimated costs is included below. The estimated costs presented herein are valid for 45 days.

Summary of Estimated Costs

Item / Description	Estimate
Task 1 – Quarterly Groundwater Level Monitoring (4 Quarters)	\$ 6,500.00
Task 2 – OPTIONAL Transducer Data Processing and Reporting (4 Quarters)	\$ 4,000.00
<b>Total</b>	<b>\$ 10,500.00</b>

TEAM's work will be invoiced on a monthly basis. Payment is due upon receipt of the invoice. If the invoice is not paid within thirty (30) days from the invoice date, the Client will pay a finance charge of 1.5% per month (18.00% annual) or the maximum allowed by law, whichever is less.

If you have any questions or comments, please contact TEAM. If the terms of this Proposal for Professional Services are acceptable to you, please sign below and return. The signed Proposal can be returned via email to: [naomi@teamentvironmental.com](mailto:naomi@teamentvironmental.com), or mailed to:

TEAM Environmental, Inc.  
P.O. Box 1265  
Bishop, CA 93515

We look forward to assisting the Tri Valley Groundwater Management District in completion of these tasks.

Client Authorization:

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Signed

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Print Name

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Title

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Date Signed