

January 24, 2018

Ms. Peggy Downswell
District Manager
St. Mary's Glacier Water and Sanitation District
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Subject: St. Mary's Glacier Water & Sanitation District – Phase 2 Water System Improvements
January Progress Update

Dear Peggy:

As you know, we are on a hectic schedule for the project moving forward. Since the December Board Meeting, TZA has been moving ahead with project development on multiple fronts. Based on the schedule provided with the recent contract amendment, the following tasks have been accomplished or are currently being completed:

Task 100 – Project Management

Subtask 101 – Project Workplan. Task has been completed, workplan has been circulated to internal project team members

Subtask 102 – Project Kickoff Meeting. Task has been completed, kickoff meeting has occurred with internal project team members.

Subtask 103 – Project Accounting. Ongoing efforts

Subtask 104 –Project Improvement Survey. Survey RFP was circulated and proposals were received. Survey sub-consultant was selected, survey fieldwork and utility locates have been scheduled and will begin as soon as weather permits.

Subtask 105 – Project Geotechnical Investigation. Geotechnical Investigation RFP was circulated and proposals were received. Geotechnical sub-consultant was selected, fieldwork and utility locates have been scheduled and will begin as soon as weather permits.

Subtask 106 – Environmental Assessment. TZA developed necessary documentation and submitted a request for a "Categorical Exclusion" to the Colorado Department of Public Health and Environment (CDPHE) to avoid being subjected to an Environmental Assessment for the project due to the location of all construction occurring in public ROW or previously disturbed areas. A follow up call occurred with CDPHE after receipt of the application indicating CDPHE support for the request. CDPHE will coordinate with USEPA (upon federal government restart) to issue a finding on the CATEX request. TZA will coordinate with US Army Corps of Engineers and US Fish & Wildlife to confirm referral agency agreement.

Subtask 107 – Project Historical Investigation. TZA has developed necessary documentation and submitted the request for exemption from full historical investigation. File search investigation is underway and we anticipate no historical sites or facilities impact.

Task 200 – Source Water Reliability

Subtask 210 – Well No. 3 Re-drilling Construction Documents. TZA has completed and submitted the Well No. 3 Re-drill application and fee to the Colorado Department of Natural Resources. The application was deemed complete and is currently under review. Preparation of Well No. 3 Re-drilling bid documents is currently under way.

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Subtask 260 – TZA has begun 80% design development for Well Nos. 1, 3 & 5.

Task 300 – Source Water Quality Treatment

Subtask 310 – Basis of Design Report. TZA has completed the Application for Construction Approval and has coordinated with CDPHE and DOLA in preparation of submitting the Basis of Design Report. The BDR is currently being completed. The draft hydraulic profile has been generated, preliminary corrosion control treatment design is almost completed, the P & ID is under development and the source water quality sampling plan has been completed.

Subtask 320 – Well Treatment Final Design. TZA is developing 80% final design documents.

Task 400 – Distribution System Preliminary Design

Subtask 410 – Distribution System Preliminary Design. TZA is developing the preliminary design for the distribution system improvements including booster pump stations, storage tank, transmission main and distribution mains.

In addition to the efforts mentioned above, TZA has also finalized the plan required to complete the assessment of the wastewater system. This strategy will provide the District with a prioritized listing of recommended improvements including construction cost estimates. The effort also includes financing assistance to help the District acquire grant and loan funds to pay for engineering and construction.

This project is required to be completed before the water system improvements construction projects are awarded in May of this year. This effort will include the leveraging of assessment work done by previous consultants, coupled with a WWTP inspection, and videotaped pipeline investigation to confirm the location and extents of existing sanitary sewer failure. Once understood, TZA can determine and prioritize cost impacts associated with recommended sewer rehabilitation and/or replacement.

We have provided a detailed proposal under separate cover identifying the required scope, schedule and budget to perform the work as summarized above. Given the limited amount of time remaining to accomplish this effort, we request the District act on this proposal as soon as possible.

We appreciate the opportunity to support you and the District with your engineering needs. I look forward to seeing you and the Board at the January meeting. Feel free to contact me with any questions.

Sincerely,

TZA WATER ENGINEERS



Bob Orsatti, P.E.
Water/Wastewater Group Leader