

February 20, 2019

Ms. Peggy Downswell
District Manager
St. Mary's Glacier Water and Sanitation District
c/o-Pinnacle Consulting Group
550 W. Eisenhower Blvd.
Loveland, CO. 80537

Subject: St. Mary's Glacier Water & Sanitation District – Phase 2 Water System Improvements
February Progress Update

Dear Peggy:

Work continues at a fast pace. Since the January Board Meeting, TZA continues to move 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 – Task completed.

Subtask 102 – Task has been completed.

Subtask 103 – Project Accounting. Ongoing efforts

Subtask 104 –Project Improvement Survey. Initial field survey work has occurred. Topographic and boundary information has been collected and location of existing utilities is still outstanding. Coordination between District staff, surveying and utility location services will be required to snowplow additional areas to complete more of the field work asap.

Subtask 105 – Project Geotechnical Investigation. Geotechnical Investigation utility locates and field work has occurred. Geotechnical sub-consultant is preparing draft report for circulation.

Subtask 106 – TZA has coordinated with all affected referral agencies regarding the development of an Environmental Assessment (EA). TZA has also completed the draft of the EA for the Phase 2 Water System Improvements and public advertising of that document begins Thursday, February 21, 2019. The end of the referral comment period will end with the March Board Meeting which will also serve as the Public Hearing for the EA.

So far, all referral agencies, with the exception of the US Army Corps of Engineers (USACOE) have determined no environmental impact. TZA is still coordinating with USACOE to reach a final determination. Preliminary discussions indicate that a "Categorical Exclusion" will be granted for the re-drilling of Well No. 3. However, because of the grant requirements, CDPHE is interpreting that any new infrastructure improvements automatically require an EA. 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 received confirmation that the file search investigation has been completed and the proposed facilities cause no impact to historical sites or facilities.

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Task 200 – Source Water Reliability

Subtask 210 – Well No. 3 Re-drilling Construction Documents. TZA has received authorization from the Colorado Department of Natural Resources for the Well No. 3 Re-drilling. TZA has completed the bid documents and public advertisement for the project is currently under way.

Subtask 260 – TZA continues development of 80% design documents for Well Nos. 1, 3 & 5.

Task 300 – Source Water Quality Treatment

Subtask 310 – Basis of Design Report. TZA is reaching completion of submission the Basis of Design Report to CDPHE. The draft hydraulic profile is complete, preliminary corrosion control treatment design and life cycle costing is completed, the P & ID is under development and the source water quality sampling plan has been completed. We anticipate submission of the BDR by February 25th

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.

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 February meeting. Feel free to contact me with any questions.

Sincerely,

TZA WATER ENGINEERS



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