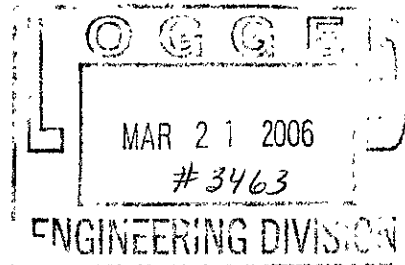


March 20, 2006

City of Rapid City  
Public Works Department  
Attn: Stacey Titus, P.E.  
300 6<sup>th</sup> Street  
Rapid City, SD 57701



Re: **Southwest/Selador Water System Master Plan**

Dear Stacey:

Here is the status of our work on the Southwest/Selador Water System Master Plan analysis and report.

- The base plans have been revised to include the Highway 16 Land Use Plan. We have revised the overall water system layout per the major street plan and relocated major sources, reservoirs, etc. per your February 28, 2005 report.
- We have recalculated and reassigned water service demands to the various distribution systems locations. We did not do this for the "Terracita South Zone" per your instructions, but did revise the entire Skyline Zone per the Highway 16 plan.
- The hydraulic model has been rebuilt with the changed distribution layout, etc. We are modeling each pressure zone separately, then will combine all in a single model with PRV connections and extended period simulation showing zone transfer and tank interactions. The model building and debugging has taken more time than anticipated and budgeted, but we are making progress.


We are enclosing our revised system and model layout. If you see anything which is not as you expected, or anything missing or incorrect, please call.

Note that we have added the ground-level "Moon Ridge" reservoir south of Reptile Gardens per your February 28, 2005 report. We have used the originally proposed Moon Ridge reservoir location for the Moon Ridge elevated tank rather than the "alternate location" west of Highway 16. We could look at this both ways if you want.

We are behind schedule on this due to unanticipated time and effort getting the model set up and running. We are therefore requesting a contract time extension to April 7, 2006. We will proceed to conclusion of the study with our best efforts regardless of City action on this request.

Sincerely,

CETEC Engineering Services, Inc.

  
Greg Wjerenga, P.E.  
Project Manager

GW/sjf

Enclosures

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