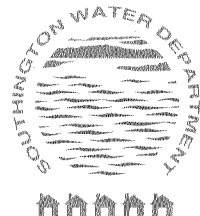


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MINUTES FOR SPECIAL INFRASTRUCTURE COMMITTEE MEETING OF THE BOARD OF WATER COMMISSIONERS

A special meeting of the Board of Water Commissioners, Infrastructure Committee was held on Thursday January 16, 2020 at 6:00 p.m. at the Department Offices, 605 West Queen Street, Southington, CT.

PRESENT: Commissioner Berkmoes, Commissioner Murphy, Commissioner Pocock, Superintendent Casarella and Assistant Superintendent Albert Fiorillo were present.

1. CALL TO ORDER: The meeting was called to order by Commissioner Berkmoes at 6:04

2. Well 2 Project: Superintendent Casarella stated that Well 2A is substantially complete. The Well will be on-line tomorrow. Casarella stated that he has available project funds to conduct additional restoration work on Well 2, including hazardous materials abatement, replacement of the heater, and roof replacement

3. Mill Street Tank Project: - Superintendent Casarella stated that the tank substantial completion was met as far as filling the Tank (3-4' water). It was agreed that it would be best to finish work for final completion in the spring. Hoping to start up again in March weather permitting. The contract schedule states April 2nd.

The electric service is still in the process of getting what Eversource is requesting.

Weather permitting, the electric service should be installed before spring.

The Tower project will move forward throughout the winter. The foundation for the Tower will be poured this winter. There's a considerable lead time on the Tower so installation will take place once the Tower is delivered.

4. Water Main Projects

Shuttle Meadow Road – Superintendent Casarella stated that we should install water main on Shuttle Meadow Rd. from Thunderbird easement to our main on Dunham Place. This would complete the loop for the East Side Pressure Zone. The water main design work has already been completed.

PRV on Lanings Street - Superintendent Casarella stated we need to install a pressure reducing valve (PRV) on Lanings St. near the intersection of Flanders Rd. The PRV would allow us to capture the remaining customer off Lanings that are currently still being fed

off the West Queen Tanks. The PRV would be housed in vault similar to the one installed on Pattonwood Dr.

Queen to Newell St

The railroad tracks are coming out on West Queen St. due to the Rails to Trails. We may want to look into installing a 12" line from Queen St to a Newell St. We no longer need to do directional drilling under the tracks so it should be less expensive to install the main. Only would need to sleeve under gas line. Getting a Budget Price.

5. Future Capital Projects:

Well 9 -Need to get a Budget Price for installing a new Well due to the findings by a recent pump test and history of the Well. May have Pete Duncan (SB Church) come before the Board to explain. Project can use the Drinking Water State Revolving Fund (DWSRF) funding.

Treatment Plant Filters - Updated quote for materials only was \$1,235,000. Getting a turnkey price to include installation and everything else which can double the price. Project is already in the Intended Use Plan (IUP) with DPH for **DWSRF** funding

Iron and Manganese Plants – Superintendent Casarella stated he put in Budget for consulting services for design of Iron/Manganese Plants for Wells 2,7 and 8. Tighe & Bond is currently working on getting me a Budget Price. Casarella stated he would put this project in the (IUP) with the DPH and apply for **DWSRF** funding.

Lead Goosenecks Services – Superintendent Casarella said there's still services in Town that have lead goosenecks connected to them. Casarella told the committee that he will come back to them with a plan on how to proceed and remove them. Waiting for word from DPH on how the approach will be for what part of the service will have to be replaced. Casarella stated he will look into funding through the State.

Automated Meter Infrastructure (AMI) – To implement AMI it was quoted at approximately \$3,500,000. Will look into an alternate plan that would involve reading meters remotely from inside of a van. Much more cost efficient. AMI is already in the IUP for DWSRF funding.

Reservoir 3 Dredging – Casarella stated he feels this is down on the priority list with all the other projects that need to be done. Have to revisit down the road if we actually need to dredge the reservoir due to the fact, we only use the Treatment Plant for 3 months out of the year.

2016 Reservoir 2 Dam Inspection letter from DEEP - Southington Reservoir No. 2 Gate Chamber Inspection/repair probable cost could exceed \$200,000. Will get bids. May need to make a decision on this soon so work can be planned for the fall of 2020. We currently just received a proposal for Reservoir 2 Dam Failure and Emergency Action

Plan (EPA) for \$19,500. We may need to have an on-call Consultant for Dam Inspections and EPA Reports. Need to do Reservoir 3 and Crescent Lake this year.

Water Supply and Demand Study – Superintendent Casarella stated we currently have a proposal from Tighe & Bond to do the study. Our last study was done in 2005 and included the years 2005, 2010, 2020 and 2050. Tighe & Bonds proposal would start at the current conditions and projections for 2025, 2030 and 2060. Casarella said it's imperative that we do the study.

6. West Queen Tank Maintenance - Tanks are due for maintenance inspections. Tank No 2 needs to be painted. During the sanitary survey DPH informed us of requirements for tank cleaning and inspections that need to be done. Casarella said he scheduled a meeting with Suez to revisit cost of a maintenance contract for the tanks.

7. Succession Planning - Need to start preliminary succession planning due the number of employees eligible for retirement. Distribution and the Treatment Division each has 3 eligible employees that can retire. Treatment is our main concern due to the number of employees in Treatment.

Commissioner Berkmoes made a motion to adjourn the meeting. The motion was seconded by Commissioner Murphy at **8:23 p.m.**



Attest: William M. Casarella, Superintendent