

WATER POLLUTION CONTROL AUTHORITY
Town of Trumbull
CONNECTICUT

TOWN HALL
(203) 452-5048



5866 MAIN STREET
TRUMBULL, CT 06611

JANUARY 27, 2021
MINUTES

CALL TO ORDER: The Chair called the WPCA meeting to order at 7:03 p.m.

ROLL CALL: The clerk called the roll and recorded it as follows:

Present: Chairman Richard Boggs, Vice-Chairman Jon Greene, Frank Regnery, Secretary, Andrew Palo and Scott Thornton, Alternate

Absent: Charles Berezin

Also Present: William Maurer, Town Engineer/Sewer Administrator and Town Attorney James Nugent

Approval of Minutes:

- December 16, 2020 Meeting Minutes - Moved by Greene, seconded by Boggs to approve the December 16, 2020 meeting minutes as submitted.
VOTE: Motion CARRIED 2-0-2 (ABSTENTION: Palo, Regnery)

New Business:

- Wright Pierce Proposal for Review Finchwood Drive Area for Potential Sewers:
Mr. Maurer indicated the proposal is \$5,200, which will include checking grades, review of GIS mapping, the number of houses, and the length of the gravity sewer. This will outline the requirements and develop a planning level option of probable cost. The Chair stated we understand the opinion of probable cost will be preliminary, not be detailed, but it will give the commission an idea. This was expected based on the vote at last month's meeting. Commissioner Palo had read the past minutes and is aware of what precipitated this. The Chair indicted he had pushed back a bit, there was some preliminary work done to look at the elevations and the conditions. The commission thought it warranted taking it one step further and incurring some cost.

Moved by Regnery, seconded by Greene to approve the Wright Pierce Proposal for Review Finchwood Drive Area for Potential Sewers dated January 18, 2021.

VOTE: Motion CARRIED by unanimous consent.

Mr. Maurer and Commissioner Greene indicated Wright Pierce had scheduled this as 40 hours of work and Mr. Maurer indicated Wright Pierce expects to have the Finchwood Area Report for next month's meeting.

- *Sanitary Sewer Main Extension/ 7182-7192 Main Street:*

The Chair indicated the applicant withdrew because they need to get permission from Bridgeport first. This is a property on the Trumbull-Monroe line. Mr. Maurer indicated it is the building down the steep driveway where at one time it was a lumberyard, and then a carpet store. The property owner wants to develop it and put in mixed use. There is a proposal to extend the main from Spring Hill Road to Main Street. This still needs to go to the other boards for approvals. Attorney Nugent stated it is not forbidden for them to get approvals in this sequence but does agree they need a number of significant P&Z approvals; a text amendment, exception from the apartment moratorium and the area is not zoned for apartments. There is no rush for WPCA to consider this, the project could be 6-8 months away. The commission discussed that this was a non-conforming use and their discussion was academic in nature, the consideration of this commission is the sewer infrastructure only, but allowing Monroe to use the sewer line is within their purview. Mr. Maurer indicated this project was probably within capacity but he couldn't confirm that at this time. Amazon connected by a pump system. The developer would be constructing this not the town. WPCA's approval would give Amazon and other businesses in the on that side of the street the ability to tie in.

WITHDRAWN by the applicant

- *FY 2022 Budget & 5-Year Plan Update/ 2021 Capital Improvement Plan Bond Authorization:*

Mr. Maurer reviewed in detail the operating budget with the commission.

Utilities, reimbursable are placeholders; the Finance department will input those numbers. The reimbursables are the shared use of town departments, services, and utilities. For the most part he kept all of the same numbers with the exception of a 2% increase in full time salaries and the anticipation that the Bridgeport WPCA will raise the sewer usage rate by .09 cents. (\$6.21), approximately \$300,000 more than last year. The numbers from Bridgeport are not firm numbers so he budgeted for a 3% increase to ensure the budget doesn't fall short.

The \$125,000 flow overage fee is capped at \$125,000 and is a one-time event usually in the spring. This year we went over in December, therefore if it happens in the spring WPCA will not be charged the \$125,000 again.

The maintenance line item is down due to the new pump station being on-line. Account #578803 went up slightly because he put in for a mobile reel crawler to clean the cross-country lines. There is no way to access them with a truck.

The Extraordinary line item, the account used for emergency repairs was reduced, as they move to newer pump stations this line item goes down, (\$80,000 is a typo and should read as \$50,000).

The rental line items went to zero because the vehicles are paid for and are not asking for any vehicles this year

Currently there is \$1.5 million for inspection and repair of the high-pressure main in the year 2021 of the 5-Year Capital Plan, which would go to a bond authorization. Mr. suggested it could come from the Retained Earnings. If this is put into the operating budget they would not need to go to boards for a transfer from Retained Earnings. The commission noted the \$1.5 million is not an exact known number, it's an estimate. After further discussion, the Chair noted if the commission has the funds available it would be better to use them as opposed of incurring debt. Mr. Maurer received the Retained Earning balance from the Finance Director; there is currently a balance of approximately \$7 million, (fees in excess of expenses). The state requires the town to retain 10-15% of the budget to be in Retained Earnings, which is approximately \$1.5 million they are well above that threshold. The Chair noted some of the \$7 million will go towards the rate after the Bpt. WPCA discount expires. If some reason the funds aren't used they are not lost, they go back to the Retained Earnings. After further discussion, the commission agreed it would be best not to incur debt and to add 1.6 million to the FY 22 Operating budget Capital Outlay account.

Moved by Palo, seconded by Regnery to increase the Capital Outlay account by \$1,600,000 representing the inspection and repair of the force main.

VOTE: Motion CARRIED by unanimous consent.

Moved by Palo, seconded by Greene to accept the new FY 2021-2022 Budget Total at \$11,145,218.

VOTE: Motion CARRIED unanimously.

The commission discussed the 5-Year Plan. The Whitney Avenue pump station design is in 2021, with the exception of removing the \$1.5 million there is not anything radically different. Reservoir Avenue pump station has already been funded, there is a placeholder for Contract V. The commission noted this would allow for formulating what will need to be done.

Moved by Palo, seconded by Regnery to delete the \$1.5 million for the inspection and repair of the force main from the bond authorization.

VOTE: Motion CARRIED by unanimous consent.

Moved by Regnery, seconded by Palo to approve the 5-Year Plan with the aforementioned adjustment, (\$1.5 million for the inspection and repair of the force main). VOTE: Motion CARRIED by unanimous consent.

Old Business:

- Old Town and Reservoir Avenue Pump Stations Update:
Mr. Maurer hasn't finished the review to date because he has been working on the budget and capital plan and bond authorization. He expects to get that out in the next week or two.
- Beardsley Pump Station Force Main Update:
Mr. Maurer explained yesterday and today boring testing was done. Arcadis worked up a matrix of design, Mr. Maurer shared his screen with the attached Arcadis matrix of the possible comparatives:
Dig & Replace, Rehabilitation, Sliplining and the horizontal drill.
The lower the number the more disadvantage, the higher the number represents the higher advantage; they worked on five (5) borings yesterday and today. They looked good and then hit hard bedrock very shallow. He doesn't know how that will affect the horizontal drilling matrix but more than likely it will not be as advantageous as they originally thought. He should have some geotechnical information in the next couple of weeks. There are no hard costs to date. CIPPL stands for - Cast in place polyethylene liner, a different kind of liner, like a sock they blow in and it cures in place. The Chair stated if the horizontal drilling becomes less attractive, (more expensive) this may be number 2 on the list although the cost won't be as advantageous as the sliplining. They are still exploring the items on the matrix. Mr. Maurer should have more information for the next meeting. There are no hard cost estimates to date. Reliability, design and operation are where those factors come in, none of the options are very long term. The Town has gotten 50 years out of a cast iron pipe, he doesn't know what they will get with these and that has to be considered too. The Chair stated the matrix is rated and is transparent, you can see how they came to their final score. The volume through the pipe is restricted by the diameter, there is a point where they can't go any smaller, which would be captured under reliability. Horizontal directional drilling is installation of a new pipe. Dig & replace will require a larger area and an easement. The other options do not increase the easement area. There is no existing easement. Attorney Nugent noted if an easement is needed that will entail legal work and expense. Mr. Maurer indicated he would have more information at the next meeting.

Any Other Business That May Come Before the Authority: No motions and votes taken.

Adjournment: there being no further business to discuss and upon motion made by Regnery, seconded by Greene the Trumbull Water Pollution Control Authority adjourned by unanimous consent at 8:00 p.m.

Respectfully Submitted,

Margaret D. Mastroni
WPCA Clerk



Beardsley Pump Station Force Main Repair/Replacement Alternative Comparison

Parameter	Relative Weight or Level of Importance	Dig and Replace	Rehabilitation of Existing Pipe (CIPPL)	Rehabilitation of Existing Pipe (Sliplining)	Horizontal Directional Drill
Construction Cost	25%	1	3	4	5
Reliability of Design/Operation	20%	5	4	1	4
Impacts to Residents/Pedestrians	20%	2	4	4	3
Maintenance/Accessibility Challenges	10%	2	4	3	5
Environmental Concerns/Risk	10%	2	4	3	5
Easement Requirements	5%	5	5	5	2
Permitting Requirements	10%	2	5	5	3
100%					
Weighted Average		2.5	3.9	3.4	4.1

- 1 - Highly Disadvantageous
- 2 - Disadvantageous
- 3 - Neutral
- 4 - Advantageous
- 5 - Highly Advantageous

- Construction cost ratings are based on a preliminary design/construction estimate.
- Reliability of design and operation refers to constructability and the ability to maintain standard operation of the system.
- Maintenance refers to the level of ease or difficulty of maintaining the system for optimal performance.
- Impacts to residents and pedestrians refers to the potential and inevitable impacts caused by construction activities and operation/maintenance.
- Easement requirements refers to the need for temporary and permanent easements for construction and maintenance.
- Permitting requirements refers to the need for local, state, and federal permits, as well as other applicable permits from agencies having jurisdiction.