

WATER POLLUTION CONTROL AUTHORITY
Town of Trumbull
CONNECTICUT

TOWN HALL
(203) 452-5048



5866 MAIN STREET
TRUMBULL, CT 06611

AGENDA
JANUARY 22, 2020

NOTICE is hereby given that the Water Pollution Control Authority of the Town of Trumbull, Connecticut will hold a meeting on Wednesday, January 22, 2020 at 7:00 p.m. at the Public Works Administrative Building 366 Church Hill Road, second floor conference room for the following purpose:

1. Call to Order
2. Approval of Minutes:
 - December 18, 2019 meeting minutes
3. New Business:
 - 11 Rexview Circle-Request to Connect to the Sanitary Sewer System
4. Old Business:
 - Beardsley Pump Station Rehabilitation Update
 - Old Town and Reservoir Avenue Pump Stations Update
 - Contract V Sanitary Sewer Design Update
5. Any Other Business That May Come Before the Authority
6. Adjournment

WATER POLLUTION CONTROL AUTHORITY
Town of Trumbull
CONNECTICUT

TOWN HALL
(203) 452-5048



5866 MAIN STREET
TRUMBULL, CT 06611

MINUTES
DECEMBER 18, 2019

Call to Order: The Chair called the meeting to order at 7:05 p.m.

Present: Chairman Richard Boggs, Charles Berezin, Andrew Palo, Jon Greene, (arrived at 7:24 p.m.), and Frank Regnery

Also Present: William C. Maurer, P.E., L.S., Town Engineer, Sewer Administrator

The Chair welcomed Frank Regnery, the newest member of the WPCA Commission.

Mr. Regnery indicated he is a graduate of UCONN with a civil engineer's degree and is a registered P.E. in PA. He is currently working at FTI Consulting in NYC in their construction solutions practice advising clients on resolving troubled projects. The majority of the work has been expert witness work geared towards resolving disputes. He is a retired partner from Deloitte, their construction advisory practice. He spent 17 years in the construction industry for a major oil company, doing mostly pipeline and terminal work, some marine facilities, followed by work for a government contract that was based in CT building facilities for the U.S. government. This took him around the world. When he left the firm he was the head of construction management. He worked locally for a sewage treatment contractor, they built and operated sewage treatment plants. They're no longer in existence and sold off the business to Metcalf. He has been in their consulting side of the construction industry since the early 90's.

Attorney Nugent has known Mr. Regnery and knew he was interested in a position and thought with his background this would be a good fit. The Chair agreed and noted that the Commission has not had that level of construction experience since he has been involved and noted Mr. Regnery will provide value to the Commission.

Approval of Minutes:

- Moved by Palo, seconded by Berezin to approve the November 20, 2019 meeting minutes as submitted. VOTE: 3-0-1 (Abstention: Regnery)

New Business:

- Election of Officers:

Palo nominated, seconded by Boggs to elect Berezin Secretary.

VOTE: CARRIED 3-0-1 (Abstention: Berezin)

Berezin nominated, seconded by Boggs to elect Palo Vice-Chairman.

VOTE: CARRIED unanimously.

Berezin nominated, seconded by Palo to elect Boggs Chairman.

VOTE: CARRIED unanimously

- 2020 Meeting Schedule:

In Mr. Greene's absence Mr. Palo requested the meeting time be changed to 7:30 p.m. Mr. Greene commutes from New Canaan, It's difficult for him to get to the meeting for 7:00 p.m. when he has to work late. The Chairman noted it was the sense of the Commission not to change the start time.

The clerk explained the most notable change to the meeting schedule was the location. A Town building committee will be meeting twice a month and will be meeting on the 4th Wednesday of the month in the Long Hill room. The WPCA has been asked to move their meeting location, one of the options was the Council Chambers. The Public Works Administration building has two conference rooms available. The Commission discussed the size of the conference room and that if they were to expect a larger group of people they could book the Chambers or a school. The clerk noted they had worked with IT and it will be possible to have all the doors open for the public. The Chair noted he had reviewed the dates.

Moved by Palo, seconded by Berezin to accept the 2020 meeting schedule as presented.

VOTE: Motion CARRIED unanimously.

- Joe Solemene Pump Station Plaque:

Mr. Maurer would like to dedicate the Beardsley Pump Station in Joe Solemene's name to commemorate the reconstruction of the building. Joe Solemene was the Assistant Sewer Administrator for approximately 28 years. He kept the whole department running. He would be in a Tyvek suit one minute, signing off on permits next while consulting with residents, he did it all. It's one thing to know about the pump stations but to live the pump station, it is 24/7. Two o'clock phone calls to be called in to take a pump apart to get the station up and running weren't uncommon. You have to be a special person to that kind of work. The commission agreed.

Mr. Maurer explained at the time Mr. Solemene was sick, he actually had to step in. He did his own job plus Joe's. It was an eye opener for him. He has fond memories of Joe and has a lot of respect for what he did for all those years.

Commissioner Palo spoke in favor of the plaque as did the Chairman. Mr. Maurer recommended a ribbon-cutting ceremony when the pump station rehab is complete. The Chair asked if there was a cost known yet, and noted if it's just a plaque it would be minimal. Mr. Maurer stated he would look into whether the contractor would cover the cost and will report back to the Commission.

The Chair spoke in favor of the plaque since those that knew and worked with Joe support this. There are certainly not many people that have put in that much time working for the Town and doing this kind of job is even rarer.

Moved by Berezin, seconded by Palo to approve having a plaque made with Joe Solemene's name. (If there is a cost associated with the plaque it will be brought back to the Commission for approval.) VOTE: Motion CARRIED unanimously.

- Beardsley Pump Station Change Order No. 1:

Mr. Maurer explained this includes a wide variety of changes. The most notable is #12. The damaged section of pipe discovered while excavating. The repair of the main was \$160,058.87.

There are quite a few items credited and some were costs, and confirmed there is a schedule of values to back check the amounts of the credits. Mr. Maurer reviewed them and found them to be reasonable.

Mr. Maurer confirmed for the Town Attorney that the work has been done, the repair was something that needed to be done. It was an unforeseen. (Mr. Greene arrived at 7:24 p.m.)

Mr. Maurer explained the concrete stairs and railing had been removed because due to its location no one used them. It wasn't required for egress. The other changes came from suggestions, such as #6 - using schedule 40 pvc instead of cast iron and #4- the proximity switches were a better method.

Mr. Maurer explained the damaged pipe was the 20" force main. It had been operating under pressure for years. When they started digging it started to come out of the ground, they were at least 5' above it and were about 15' deep when they saw it. It was hard to find. Arcadis has reviewed and approved the change order. A preliminary cost is done before a formal approval. The pipe was sitting on ledge and was backfilled with rock, the hole was in the top of the pipe. Mr. Rengery stated there would have been a sink hole. Mr. Maurer stated it had been paved over and was deep. The pipe was installed in 1972. There was fill over the top of the pipe and had numerous changes in elevations, as well as a catch basin. They were well above it when it was noticed. Mr. Maurer confirmed they were given an immediate direction to proceed to repair. Arcadis went through the time and material tickets. Mr. Rengery noted that there weren't many change orders for a \$5 million project. The repair of the pipe was the big item.

Moved by Palo, seconded by Rengery to approve the Beardsley Pump Station Kovacs Change Order No. 1 in the amount of 160,058.87.

Mr. Maurer confirmed for the Town Attorney there is money in the account. There is an account set aside for this project, the funds are encumbered in a purchase order, and confirmed for the Chair at this stage there is nothing that they know of that may be an issue.

The pump station is currently on bypass, the wet wells have been reconstructed, are currently piping the dry wells, and getting support set up for the pumps. They went from 120 hp motors to 380 hp motors for two of them and two 240 hp low flow pumps, new pfd's, there is a new 550 generator out in front, it's the size of a tractor trailer. They are rebuilding the whole building.

VOTE: Motion CARRIED unanimously.

Old Business:

Beardsley Pump Station Rehabilitation Update: Mr. Maurer explained due to the weather, (rain) There was an overflow and they had to go on bypass. The pumps couldn't keep up. The wet well was filled by a foot because it went past the plugs on both ends. It is operational now.

Old Town and Reservoir Avenue Pump Stations Update: Mr. Maurer reported:

- 90% Plans are done
- Expects to go out to bid by the end of January beginning of February.
- Reservoir Avenue Pump Station does have a timing issue with the development happening in the area. 100 units will be built this year and another 100 the year after, therefore it should be ok.

Mr. Maurer confirmed for the Town Attorney that the project on Oakview is finished and is connected to the sanitary sewer system. They take up most of the reserve capacity. The other Oakview project, the 138-bed assisted living will go to the Old Town pump station, which is why they need to rebuild the Old Town pump station. They have contributed a certain dollar amount to the rehab of the pump station and we have collected the connection fees on each building at the Henderson site and will continue to as they come in with their building permits.

Contract V Sanitary Sewer Design Update: Mr. Maurer reported:

- No change
- They are about to award to Tighe & Bond and are in the process of looking at the fees.

Mr. Maurer gave a brief overview of phase 1 of the project for the new commissioner:

- The area is Beardsley Parkway
- Approximately 170 houses, a pump station and are looking at some low pressure systems. They aren't sure if the low pressure system will work, there are maintenance issues and questions of who will maintain the low pressure pumps.
- All pumps would be on private property. This would be a low pressure E-1 system.

The Chair indicated they got different opinions from the different consultants that submitted RFQ's. Tighe & Bond needs to study it more. Mr. Maurer indicated it puts responsibility on the owners. It would reduce the depth of the main, which reduces the cost but the owners have the burden of having to replace the pump in approximately 10 years. The Chair stated the whole thing is pressurized because it is being fed by pressurized lines. It has to keep moving. The Chair stated the consultants had indicated the system relies on the continuous operations of the pumps otherwise it will just sit in the pipe, which makes the system more vulnerable to a problem. Mr. Maurer indicated they need to study it to see if it is even feasible. The question is how it structured.

- Pumps would be outside not in the house
- Installation of the pumps would be part of the contract.
- Many easements are necessary
- The low pressure system depends on a certain number being connected right away
- There is a lot of rock in the area
- The alternative is all gravity with deep lines, there would still be some pumps
- Pumps will be responsible for them

The Town Attorney noted there would be a lot of easements. Mr. Maurer indicated in the past the Town has worked the cost of the pump into the project so the project didn't have to go as deep. The power point from the informational meeting doesn't show many pumps, but Mr. Maurer added that the main is probably deep. There is a lot of rock in the area which adds cost and is probably why this area wasn't done earlier, because of the depth and the rock. Mr. Rengery noted the lots are small. The Chair stated there was a lot of discussion when they were looking at this area, that this probably should have been one of the first areas sewered because there is not an upgraded septic option for many of the properties, there isn't enough space. The Commission discussed that there are new septic tanks. Mr. Maurer stated those are costly too. Some of those systems are \$30,000. The Chair and Mr. Maurer stated this is premature, the options will come to light during the design. Mr. Maurer indicated the design cost is \$250,000. Mr. Rengery noted that it will be a detailed study. Mr. Maurer invited Mr. Rengery to the office to review this in more depth. Mr. Maurer indicated to Mr. Greene that we will need to evaluate the consultant's design before it goes to final plans.

- The design will come to the Commission for input
- There are issues with a low pressure system that are hidden

It worked well in Long Island where it is pretty flat and near the ocean. Mr. Greene the island is sand therefore digging is different than blasting in CT. Their issues are not our issues.

Mr. Maurer indicated to the Commission an issue is what would happen when the power goes out. One Town did generators. Mr. Maurer indicated he didn't think there was gas in the area.

The Commission agreed that a low pressure system could be problematic administratively and it is different from how it has been done in the other parts of Town. The Town Attorney noted if it were a limited number of houses it would be different, but Mr. Maurer indicated it would have to be a significant number of houses in order to make the whole system work. He doesn't think they will get much traction out of the low pressure system. The Commission thinks they

would get a lot of resistance. It was noted it would be at a lower and there were homeowners not in favor of the project. The Chair stated the survey didn't indicate a strong for or against the project. There were many who did not respond, 1/3 were in favor, 1/3 against and 1/3 who didn't respond. It is unknown whether the gas company would install gas in the area, they will be notified of the project but that would be up to them.

Any Other Business That May Come Before the Authority- None

Adjournment: There being no further business to discuss and upon motion made by Palo, seconded by Berezin the Trumbull Water Pollution Control Authority adjourned by unanimous consent at 7:52 p.m.

Respectfully Submitted,

Margaret D. Mastroni, Clerk

WATER POLLUTION CONTROL AUTHORITY

Town of Trumbull

CONNECTICUT

5866 Main Street
Trumbull, CT 06611
(203) 452-5048



Chairman Richard Boggs

Sewer Administrator William C. Maurer

2020 MEETING SCHEDULE

4th WEDNESDAY OF THE MONTH 7:00 P.M. (UNLESS OTHERWISE NOTED)

All meetings will take place at 366 Church Hill Road Public Works Administrative Building second floor conference room unless otherwise noted on the meeting agenda.

JANUARY 22	PUBLIC WORKS ADMIN BUILDING
FEBRUARY 26	PUBLIC WORKS ADMIN BUILDING
MARCH 18 (3rd Wednesday)	PUBLIC WORKS ADMIN BUILDING
APRIL 22	PUBLIC WORKS ADMIN BUILDING
MAY 27	PUBLIC WORKS ADMIN BUILDING
JUNE 24	PUBLIC WORKS ADMIN BUILDING
JULY 22	PUBLIC WORKS ADMIN BUILDING

NO AUGUST MEETING

SEPTEMBER 23	PUBLIC WORKS ADMIN BUILDING
OCTOBER 28	PUBLIC WORKS ADMIN BUILDING
NOVEMBER 18 (3rd Wednesday)	PUBLIC WORKS ADMIN BUILDING
DECEMBER 16 (3rd Wednesday)	PUBLIC WORKS ADMIN BUILDING
JANUARY 27, 2021	PUBLIC WORKS ADMIN BUILDING

Wednesday, January 8th 2020

To Whom It May Concern:

I, Arthur Iacurci of 9 Rexview Circle, Trumbull CT, am requesting to be heard at the January 22nd WPCA meeting.

This is in reference to a sewer connection for a new home construction on 11 Rexview Circle.

Thank you for your consideration.



Arthur Iacurci
(203) 268-2280