

**TOWN OF KILLINGLY
WATER POLLUTION CONTROL AUTHORITY**

**Special Meeting
Thursday, November 5, 2020 at 6:00 PM**

**Killingly Town Hall
Town Meeting Room
172 Main Street, Danielson CT**

**The Public can view the meeting on Facebook Live.
Go to <https://www.facebook.com/Killingly/TM/>**

CITIZEN'S STATEMENT AND PETITION

Pursuant to Governor's Executive Order 7B, all public comment can be emailed to publiccomment@killinglyct.gov or mailed to Town of Killingly, 172 Main Street, Killingly, CT 06239 on or before the meeting. All public comment received prior to the meeting will be posted on the Town's website www.killinglyct.gov.

MINUTES

1. **Roll Call** – Chair, Patrick McLaughlin called the Meeting to order at 6:03 p.m.
David Capacchione, Director of Engineering and Facilities did the roll call.

Members Present:

Gerard CinqMars
Andrew Danna arrived at 6:15 p.m.
Joseph Higgins
Patrick McLaughlin
Arlene Gauthier was absent with notice.

Staff Present:

David Capacchione, Director of Engineering and Facilities
Mark Cataldo, Suez Project Manager
Jen Hawkins, Finance Director

Also Present:

Heather Belanger, Frito-Lay

2. Citizen Participation (on items not subject to public hearing)
Joe Couture, Suez, and Norm Thibeault, Killingly Engineering Associates, submitted comments regarding the Patriot Homes request (Agenda Item 9.a). The comments were posted on the Town's website and were also e-mailed to Authority Members. Mr. Thibeault is in favor and Mr. Couture is opposed.
3. Town Council Liaison Participation – No representation.

4. Adoption of Regular Meeting Minutes September 16, 2020

Motion was made by Joseph Higgins to approve the Minutes of the Regular Meeting of September 16, 2020.

Second by Gerard CinqMars.

Discussion:

The following correction was noted by Patrick McLaughlin:

- Item 8.a, fifth bullet, regarding R.H.White to read as follows: “There was concern expressed as to whether R.H. White can complete the work on schedule.”

Roll Call Vote to approve the Minutes with the noted correction: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes. Motion carried unanimously (3-0-0).

5. Finance Report

a. Monthly Finance Report

Jen Hawkins reported on the Finance Report for September:

- Revenue and expenses are on track, year to date.
- Sewer connection fees (\$53,200) includes the connection fee payment from Westview Commons of \$52,500.
- So far, she has not seen any significant adjustments to the 2019/2020 final results.

6. Report of Project Manager

a. Non-Compliance Event

Mark Cataldo reported for September:

- One violation in September for e-coli. He explained that there were three power outages during the morning of September 30th. They did a test and thought that the chlorine residual was enough to kill the e-coli, but it was not. The report was included in packets to Authority Members.
- Phosphorus was good for September, but he explained that there is a violation for October (first sample of the month -2.28, report included in packets to Authority Members) and that he believes that there will actually be two violations for the month of October because they are currently at 1.56. He feels it is due to the ongoing construction/water being turned off.
- Nitrogen is an average of 106 pounds for the month. They are still working on getting it lower.
- Maintenance Events: Repaired wear strips and wear plates for Primary #1; they will be working on Primaries 1, 2, 3 and 4 from September through November. They are replacing wear strips as they go.
- Two odor complaints.
- He explained that there was an ATMR violation in July. He believes this was due to high ammonia, however, they are waiting for the reports from bench testing to prove it. They have passed all three tests for August, September and October, so they are now back to testing quarterly for the State.

Andrew Danna arrived at 6:15 p.m.

Mr. Cataldo continued with his report:

- He explained that a company (CEC) was hired to change over the actual responsible party for the storm water pollution prevention program in Connecticut from the Town of Killingly to Suez. As of today, the Storm Water Pollution Plan has been accepted by the State, Suez just has to sample on a rain event between now and the end of the year.
- Flows have been low.

There was discussion regarding the MLE system which, Mr. Cataldo explained, is part of the upgrade. The internal recycle pump has not been turned on and tested yet.

7. Frito-Lay Representation

Heather Belanger reported that there were no operational issues to report at this time.

There was discussion regarding shutdown. Ms. Belanger stated that the regularly scheduled spring shutdown will probably be at the end of April or beginning of May of 2021. She said that the October 2020 shutdown went very well.

8. Unfinished Business

a. Facilities Project Update

David Capacchione reported:

- Work is progressing.
- There were issues with the new gravity belt thickener. It came with the wrong belt.
- Centrifuges are installed, but still working on piping/connections.
- Testing for the new GBT will occur over the next couple of days.
- Outside work continuing.
- Still working on the wet well.
- Influent pumps are in.
- Still a substantial amount of work to be done.
- Roughly 80 percent done with the contract value and 90 percent done with their time.
- There are weekly meetings and schedules are a main topic of discussion. Mr. Capacchione explained the DEEP's meaning of "substantial completion": Once the plant can is operational and can function in the capacity back to the way it functioned before the project started, it is substantially complete. He said that this is essentially where we are at. He said that he is skeptical that completion will be at the end of December/beginning of January, but they are still making progress and moving forward.

There was discussion regarding training and turning over equipment.

There was discussion regarding the finish on the outside of the building. Mr. Capacchione offered tours for Authority Members who would like one.

There was discussion regarding changing over to the new SCADA system.

There was discussion regarding the installation of new doors and windows (to be installed this week) and when the overhead doors will arrive (a couple of weeks).

b. Sewer Line Replacement, Prospect St Area

David Capacchione reported:

- The project is completed as far as sewer line installation and laterals to the property lines.
- Sidewalk has been replaced.
- Road is temporarily patched for the winter.
- Final paving and restoration next year.
- Lateral connection is going on with some of the houses. Roughly a half dozen are connected so far.

c. Inflow / Infiltration Study

David Capacchione referred to a proposal from Wright-Pierce (\$27,000) to increase the data collection period to see if there is any substantial benefit to doing while there is exceedingly low ground water tables (it had been e-mailed to Authority Members). Discussion ensued. Original amount was \$75,000 and the budgeted amount was a little more than \$100,000 (in Capital Project). Mr. Capacchione explained that, at this time, when the water table is so low and the flows are low, this would help to determine whether it is coming from the vent pipe, the manholes, or the pipe section itself. Mr. Higgins suggested doing a second bid package. Mr. Capacchione explained that he requested a quote from Wright-Pierce for the work during this unique window of opportunity (which may be missed if re-bid) based on previous discussion, at the last meeting, during which Authority Members voiced a desire to obtain a quote. Discussion continued with Jen Hawkins regarding determining whether Wright-Pierce is going by the same rate schedule and for the work in their original bid so as not to violate the bid process. Mr. Capacchione and Ms. Hawkins were in agreement that it would be easy to figure and Mr. Capacchione noted that it is a 1/3 increase, but you are doubling your data. There was discussion regarding whether to wait until the next meeting (November 18th) and when the work could start. Mr. Capacchione stated that Wright-Pierce indicated that they would be able to start in a week. Mr. McLaughlin suggested cutting some time to keep it to \$100,000. Discussion continued and Mr. Danna voiced his opinion that it is the right time to do the work and, although it is expensive, it could end up saving thousands of dollars later by identifying the trouble areas.

Motion was made by Gerard CinqMars to authorize \$27,000 to be taken from Capital Projects per the quote from Wright-Pierce dated 10/27/2020 to increase the time for the Inflow / Infiltration Study. Second by Andrew Danna. No discussion.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – no; Andrew Danna – yes. Motion carried (3-1-0). Joseph Higgins was opposed.

9. New Business

- a. Patriot Homes Request for sanitary sewer approval of 20 houses connected to a grinder pump system to be turned over to the Town of Killingly WPCA

The Authority Members reviewed the correspondence that had been received from Norm Thibeault, Engineer for Patriot Homes, and Joe Couture, Suez. Mr. Capacchione stated that the technical data for the pump is on the website.

Mr. Capacchione gave an overview of the proposed 30-lot subdivision located south of Williamsville Road. The lots at the top of the hill are proposed to be serviced by a gravity sewer system which would drain to the sewer system in Cardinal Drive. The lower lots (20-22), going down the hill, are proposed to have grinder pumps to be owned and maintained by each individual property owner. Each grinder pump would discharge to a force main within the Town right-of-way which is the part they are asking the Town to take over. At the bottom of the hill there is a manhole that would have the termination point of the force main. There are no pumps in this manhole, it is just an access point to the line. Mr. Capacchione does not think the Town has the equipment to maintain this. There are no alarms on it and no way to tie it into the SCADA or mission systems. Mr. Capacchione had expressed his concerns to the Engineer during the approval process and recommended that it remain private as he does not feel that the Town should accept the liability or the responsibility to maintain it.

There was discussion regarding Briarwood which has a similar situation, but, Mr. Capacchione explained, is owned and maintained by the Association. There was discussion regarding Mr. Couture's comments regarding Town-maintained President's Circle where there are problems. Mr. Capacchione noted that there are other situations in Town that have pump stations (such as the Lake), but they have a means to monitor them.

Mr. Capacchione stated that he had suggested that they could put in a small can station at the bottom of the hill with alarms that we could monitor, so if there is an issue, somebody could go out to it. He explained that a subdivision on this property (different owner) had been approved 10 or 15 years ago with a gravity system to the bottom of the hill to a pump station. This is essentially the same subdivision with a modification to the sewer system.

Mr. Capacchione stated that he does not recommend this and he explained that the line goes up a relatively steep hill and that each of the houses would have a check valve to keep flow from coming back into the pump/basement and he is concerned about when the check valves fail. He said that there are other alternatives that are readily available. Discussion continued.

Motion was made by Andrew Danna to deny the request of Patriot Homes for sanitary sewer approval of 20 houses connected to a grinder pump system to be turned over to the Town of Killingly WPCA, based on the advice and recommendation of David Capacchione and Joe Couture. Second by Joseph Higgins.

Discussion:

Patrick McLaughlin and Joseph Higgins voiced agreement with Mr. Danna.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes; Andrew Danna – yes.

Motion carried unanimously (4-0-0).

b. 644 Chestnut Hill Road Connection Request

Mr. Capacchione explained that the property owner had contacted him stating that he was having problems with his septic system and he inquired as to whether he could connect to the sanitary sewer system. The property is 630+/- feet from the nearest manhole (intersection of Mason Hill and Chestnut Hill). Since it is outside of the 200 feet he does not need to connect. The property owner is weighing the options of the cost to repair the septic system vs. the cost to install the line. He asked if the WPCA would run the line up and assess his property (which is possible, but it would be a huge assessment for one house). Mr. Capacchione said that there are a couple of other houses that could connect, but he does not know if other houses are having problems (he has not heard anything from either the Health Department or the other property owners). At roughly \$250 per foot, Mr. Capacchione stated that he advised the property owner that he expects this option would be far more expensive than the cost to repair the septic system. Discussion ensued and it was decided to take no action at this time since the property owner is still investigating his options.

c. Main Tower (Bio-Tower) Blower

Mark Cataldo explained that the main bio-tower fan has failed (the one on the ballfield side). The fan is approximately 4 years old and runs 24/7. There is no odor control system on the tower at this time. Three quotes were obtained for the replacement of the fan. Work would be done by Suez.

Motion was made by Joseph Higgins to replace the Main Tower (Bio-Tower) Blower at a price not to exceed \$6,000 (to come out of Capital) from Air Equipment LLC. Second by Andrew Danna. No discussion.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes; Andrew Danna – yes. Motion carried unanimously (4-0-0).

d. CT DEEP General permit for Miscellaneous Industrial Users (MUI)

David Capacchione explained, for informational purposes, that the State is no longer issuing the Miscellaneous General Permit for industrial users of 25,000 gallons per day or less. They have handed it to the municipalities whether they feel a permit is warranted. Discussion ensued. Mr. Capacchione is working on how this will be accomplished and will keep the Authority updated. He has been contacted by one business from the Industrial Park about renewing their permit.

e. Septage Receiving Building Door

Mark Cataldo explained that the overhead door has been damaged and needs to be replaced. Two quotes have been obtained (installation included). Discussion ensued.

Motion was made by Andrew Danna to approve the quote from Door Systems Worcester to replace the overhead door for the septage receiving building at a cost of \$6,215.92 to come out of Capital. Second by Gerard CinqMars. No discussion.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes; Andrew Danna – yes. Motion carried unanimously (4-0-0).

f. Muffin Monster

Mark Cataldo explained that since the spare channel monster will be installed when the wet well gets redone, another one should be purchased to have on hand as a spare. He explained that they only obtained one quote because all of the parts don't need to be replaced. Lead time is 6-8 weeks. Discussion ensued.

Motion was made by Gerard CinqMars to purchase the muffin monster at a cost of \$30,411.32 to come out of Capital. Second by Andrew Danna. No discussion.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes; Andrew Danna – yes. Motion carried unanimously (4-0-0).

10. Correspondence – Mr. Capacchione stated that there was no other correspondence other than what was included in the packets.

11. Other

David Capacchione stated, for informational purposes, that they are in the process of Phase One at the old Borough Treatment Plant.

Mark Cataldo explained that the mounting brackets broke off of the Bio-Filter blower/fan which is 18 years old. This is needed for odor control so he would like to get it in as soon as possible. They were advised that it would be better to replace the whole fan. One quote was obtained (distributed to Authority Members). Suez would do the installation.

Mr. Capacchione agreed that, due to the age, it makes sense to replace the whole unit. It is a sole-source item (which is not uncommon at the Facility). He explained that it would not be feasible to try to repair it.

Motion was made by Motion was made by Andrew Danna to purchase the Bio-Filter Blower from Hartzell at a cost not to exceed \$9,988. (to come out of Capital). Second by Gerard CinqMars. No discussion.

Roll Call Vote: Gerard CinqMars – yes; Patrick McLaughlin – yes; Joseph Higgins – yes (he asked that effort be made to obtain more than one quote in the future); Andrew Danna – yes.

Motion carried unanimously (4-0-0).

12. Adjournment

Motion was made by Joseph Higgins to adjourn at 7:26 p.m. Second by Gerard CinqMars. Motion carried unanimously by voice vote (4-0-0).

Respectfully submitted,

J.S. Perreault

Recording Secretary