

**October 24, 2016**

A regular meeting of the Board of Sewer & Water Commissioners was held on Monday, October 24, 2016 at 7:00 p.m., at the Edward J. Delaney Water Treatment Plant, 1303 Washington St.

Present: Roger Turner, John Spillane, Patrick Fasanello, Tom Brown and William Abbott.  
Also, Rick Mattson, Supt. of Sewer and Water.

All abatements submitted tonight are reviewed and signed.

**Motion Made** by Patrick Fasanello to accept the minutes of September 13, 2016 with the one suggested correction being made. Second by Tom Brown. Vote 3-0-2.

### **SUPERINTENDENT'S STATUS REPORT**

Mr. Mattson reports that the demand at this time of year is up from last year. Friday's rain was 1.79" and we have gotten almost 4.5" in the last month. The groundwater is stable it has not gained or lost. Mr. Abbott says he checked and it was up 3 ½" but it is still low. Mr. Mattson says we need much more rain before the ground freezes and also a snowy winter. He then reports that the water main is completed on Granite St./Lincoln Rd. Today the contractor's crew had a bad experience as there was a blow out in a section of the pipe while pressurizing on Granite St. They are disinfecting Lincoln Rd. today and once the bacteriological tests pass they will then connect the services. They will then do the same for Granite St. He then talks of the approximate 21,000 feet of dead end cast iron lines which is the cause of the water quality problems and he names the streets. Another thing Mr. Mattson would like to address is the need to reassess the disinfection process. We had gone to chloramines which is when the color problems started. He would like to go back to free chlorine and remove the organics from Mine Brook; this should alleviate the problems in the system. He also feels the installation of the mixing system in the tanks will help. The water is sitting too long and the disinfectant sits at the bottom. This will be included in the Capital Budget. Mr. Fasanello asks about ozone treatment and Mr. Mattson responds that this would not be proper application for us. Mr. Abbott asks why streets like Cascade that have been here for so long is now having a problem. Mr. Mattson says it is because of the change in treatment. Mr. Brown asks if it would behoove the Town to contract these streets over years with someone else doing the work to save dollars. Mr. Mattson says a contract cannot be awarded unless the funding is in place as there is no guarantee you would get the funding each year. Mr. Abbott speaks of a similar situation that the Pond's Committee had. Mr. Mattson suggests having a good sized bond and Mr. Brown asks if this would be beneficial and cost effective for the Town and the answer is yes. Mr. Mattson says the contractor would need a guaranteed price which would be a savings. Mr. Spillane says then we should go for it in the spring. Mr. Abbott says we would have to look at the impact on the rates. Mr. Mattson says 21,000 feet of pipe could be done in about a year if the contractor is dedicated. There is discussion. Mr. Brown says it should at least be looked into for next year. Mr. Mattson adds, retained earnings is in good shape and could be used to pay down the debt of the bond. Mr. Abbott says he will come up with some numbers for the next meeting so we know what we are signing up for. Mr. Mattson says the other items to be included in capital are the mixing systems, the 6-wheel dump truck, clean and line water mains for example the 10" on West St. He then speaks of the flow deficiency on Renmar Ave. and the solution. He says he is hopeful the new proposed building on this street will replace the line.

### **7:15 APPT. EASTOVER GLEN, JOHN GLOSSA**

Mr. Glossa says he is representing Diamond Builders who has purchased the land at the end of Eastover Rd. He is going to address the sewer portion first. He says the problem here is that the sewer is 19' deep and it would be difficult to dig down 19' with a road that is only 18' wide with water on one side of the street and gas on the other side. It would not only be difficult, it would be dangerous. He feels the better way is to

put in environmental 1 grinder pumps that would be owned by the condo association. This would mean a smaller trench, less disturbance and it would go to the existing manhole. They could leave laterals to two of the houses that do not have new septic systems. There is discussion on the depth and pumping. Mr. Glossa says his clients bought the place and they will do what they have to do to develop the land. Mr. Brown asks if there is any ledge in the area and Mr. Glossa answers that he does not know. Mr. Turner asks assuming the grinder pump option is used, what is the plan for a holding tank and emergency power. He also asks if a 1½ inch pipe is large enough for 12 units and Mr. Glossa says yes. He then explains Environmental 1 Grinder Pump package and how it is built. There is discussion on this. Mr. Fasanello wants to confirm that HOA will be responsible for the private portion of sewer and the pumps. Mr. Brown says any contract whether private or not should be on file in our office. Mr. Glossa is proposing 2 water lines however Mr. Mattson says he would prefer that all services be attached to the new line and abandon the old line. He says there has been no success in the pursuit of obtaining a loop to Diamond Street and Mr. Spillane says at least it would be a new line. Mr. Fasanello says but it would be a dead end and Mr. Brown responds that this would be a new lined pipe. Mr. Mattson tells of new units he has been made aware of known as a Hydroguard that are piped to the dead end and are set to automatically flush the line into a drain, leaching field or other surface. It is battery operated and the owner would be responsible for the battery. Responsibility for the lost water is discussed and Mr. Mattson says this would be up to this Commission however he would suggest a meter for accountability. It would depend on the length of the pipe as to how often the water would have to be turned over. Mr. Glossa says this could be included in the association documents. Mr. Turner asks who would pay for the water and Mr. Mattson says no one should as it is a quality issue. Mr. Abbott says it sounds like Hydroguard is the right route to take and Mr. Mattson says it is very practical. There is further discussion on the size of the line. **Motion Made** by William Abbott that the developer shall install an 8" water line from East Street to the current end of Eastover Road to be dedicated to the Town of Walpole and that taps are to be provided for the existing homes the line will then be reduced to a 6" line to the condominiums and Mr. Glossa will work with Mr. Mattson with regard to the installation of a Hydroguard. Sewer will be gravity from East Street to the top of the hill in Eastover Road and house numbers 5, 6 and 3 will be gravity while numbers 15 and 14 will have stubs for a 1 ½" force main. Additionally, all applicable fees are to be paid in advance as well as a sewer extension permit is to be submitted and approved. Second by Tom Brown. Vote 4-1-0, Fasanello against.

#### **SEWER AGREEMENT FORMAT WESTWOOD/WALPOLE**

This is taken out of order as Mr. Glossa is involved and still present from the previous appointment. Mr. Mattson explains that the document before them is an agreement with the Town of Westwood for sewer discharge at 32 Trailside in Walpole. There are 3 homes to be built request the same agreement and asks if this document would suffice for these homes. **Motion Made** by William Abbott to recommend individual agreements for the 3 lot subdivision on Bubbling Brook Rd. using the same pattern used for 32 Trailside. Second by John Spillane. Mr. Fasanello would like to know what the sewer rate is in Westwood versus Walpole's as we may be paying too much. Mr. Mattson is to find out the rate. Vote on the motion 4-1-0, Fasanello against.

#### **BD. OF APPEALS CASE 18-16 1641 WASHINGTON ST., SPEC. PMT & DETERMINATION**

Whereas there are no water and sewer issues with this subject it is considered to be read and noted.

#### **CONCOM & PLANNING BD, SHIELDS, 545 SOUTH ST. SITE PLAN, SPEC. PMT & NOI**

All available information is reviewed and discussed. There is concern expressed because this is in our water resource area and there is no indication as to what the proposed use is for this proposed construction. It is decided to invite the project proponent into our next scheduled meeting to address any questions and/or concerns that this Board may have prior to providing comments to others.

### **REQUEST FOR DAMAGES, 88 EDGEWOOD AVE.**

Mr. Mattson explains that due to the flushing on of the hydrant the resident needed to flush out the hot water heater. There is discussion and if the water goes to waste the Board feels they should not pay for it however we should not pay for their service call. **Motion Made** by Patrick Fasanello to credit the account for the cost of water for flushing. Second by John Spillane. Vote 5-0-0.

### **WILSON STREET EASEMENT TAKINGS DOCUMENT**

Mr. Mattson says the abutters have a document that we have asked them to sign waiving for damages not for rights. It is wooded flat land at the end of Harding Rd. to Old Post Rd. and it is a paper street. This easement is to allow the Town to loop the water main in the area to improve the quality. The document before them tonight is to record the easements however since not all of the abutters have signed the waivers; Mr. Mattson suggests waiting to sign this. The Board agrees.

### **SITE PLAN DECISION – 1675 MAIN ST.**

This is read and noted.

### **HARDING RD., WATER MAIN REPLACEMENT BID RECOMMENDATION**

Mr. Fasanello asks what happened to the experimental project and Mr. Mattson responds that it actually made matters worse. It was supposed to leave a small layer on the pipe (hard sediment) however it was taken down to the metal instead. Mr. Fasanello says we should reline it then. Mr. Mattson says it is not practical to reline a 6" pipe at \$85 per foot when it can be replaced for \$160 per foot. He then speaks of the new method of cleaning pipe called ice pigging. This would inject dry ice into the pipe. He is waiting for additional information and may try it on other dead ends. Mr. Abbott asks when Harding Rd. will be started and the answer is Monday and it is expected it will be completed by mid-November with final paving to be done in the spring.

### **WRIGHT-PIERCE WATER QUALITY ALTERNATIVE ANALYSIS AND REQUEST TO DEP TO ADD SODIUM SILICATE**

Mr. Mattson says he has sent a letter to DEP about adding sodium silicate and has not heard back yet. Mr. Fasanello says this is called water glass. Mr. Mattson adds it puts a glass-like coating over the pipe and Mr. Fasanello adds that it also changes the pH. Mr. Mattson says it makes it better and it also adds some sodium. He says he is waiting to hear back from DEP. He will not use Hyperflush again; Ice Pigging is what he is thinking of using on William St. The ice slurry grabs the tuberculated material and leaves a legacy coating. He is checking on the price for this. Mr. Abbott asks about the sodium silicate and Mr. Mattson says it would be \$75,000 just for the pilot. He may include this in the capital budget pending approval from DEP.

### **NOTIFICATION OF SHARON SITE PLAN & SPEC. PMT HEARING IN TOWN OF SHARON**

Mr. Mattson says he has a meeting tomorrow with Mr. Macchi and Mr. Merrikin. Years ago the lots were split and now they are going to construct here. Mr. Fasanello says for the record he is against this and Mr. Mattson responds that we have no say.

Mr. Brown has handed out a memo in which he is requesting information which he would like provided to the Board at their next scheduled meeting. Mr. Abbott speaks on this Board being questioned regarding our vote to allow a survey in our aquifer area during a Finance Committee meeting. The issue is who has the authority to grant permission to survey. He is passing the information on to this Commission as he told the FinCom he would. **Motion Made** by Patrick Fasanello to have administration provide something in writing stating whose authority this is. Second by Tom Brown. Mr. Brown says he is not willing to give powers as a Sewer & Water Commissioner. Mr. Spillane says we could go to the Attorney General. Mr. Fasanello says it states that we have the authority (exclusive control) in the Town Charter. Mr. Brown did not like

how it appeared. Mr. Abbott speaks about the \$50,000 that was appropriated at Town Meeting for professional and legal services to dispute Spectra. He talks of intervenors status on timely basis with FERC via the Town Administrator. There is discussion on opposing the pipeline in general or only in the water resource area. We need to find the best use of the \$50,000. **Motion Made** to have administration make us interveners. Second by John Spillane. Vote 5-0-0.

Mr. Mattson talks about a 5-lot subdivision that previously came before us for a sewer extension permit. We had asked the applicant to see if we could go gravity to Rosemary Lane using easements that are currently in place. Counsel has provided an opinion that these easements are for drainage only. Mr. Mattson says it appears that the applicant is back to a pump system. There is further discussion and Mr. Fasanella feels the builder should find a way to make the gravity happen to Rosemary La. Mr. Spillane says he may as well loop the water main here to. The builder should ask for the easement. The Sewer Extension Permit is not signed.

**Motion Made** by John Spillane to adjourn. Second by William Abbott. Vote 5-0-0. Meeting adjourned at 8:45 p.m.

*Accepted November 14, 2016*