

CITY OF MILFORD  
SEWER COMMISSION REGULAR MEETING  
June 2, 2020

The Sewer Commission of the City of Milford, held a regular meeting on Tuesday, June 2, 2020, immediately following the public hearing held at 6 PM. This meeting was held by videoconference thru Zoom.

The following Commissioners were in attendance:

*Chairman Lee Cooke*  
*Vice Chairman Edmund Collier*  
*Commissioner Brian Bier*  
*Commissioner Vito Castignoli*  
*Commissioner Bradford Hubler*

Others in attendance:

*Lindsay King, Wastewater*  
*Mark Davis, Westcott & Mapes*  
*Beverly Hayes, Recording Secretary*

Commissioners and others not in attendance:

Chairman Cooke called the meeting to order at 6:05 pm.

Chairman Cooke asked for Citizens Comments and reminded everyone that statements are limited to the legislative functions of the Sewer Commission and the time limit granted to each speaker shall be 3 minutes, residents, taxpayers or electors may address the Commission.

1. **CITIZENS COMMENTS**-None

2. **APPLICATIONS/PETITIONS**-

- a. 1 Tudor Road – Proposed 175 Unit Multi Family Development where proposed flow exceeds allowable flow.

Robert Smith, Metro Star Company, LLC explained the packet he submitted with his application for this 175 unit multifamily development. The packet depicts water use at two other properties he owns. One development has standard Maytag Washers and the other has the Swedish made washing machine, Asko. He was able to reduce water usage at one of his developments by 20 GPD per day, per unit, by installing this Asko machine. He will be installing them at this development which will bring down the water usage to the allowable flow.

Chairman Cooke called for a motion to discuss. Commissioner Collier made a motion to approve with Commissioner Castignoli seconding the motion. Commissioner Castignoli questioned the gallonage, if reduced by this machine, could be close to 2,000 gpd below the 13,561 allowable flow. Mr. Smith responded yes. Commissioner Collier explained that he was always against this water saving device being considered in the developments, however, the water bills depict evidence of the reduction in water use from these machines. He feels that enough evidence regarding water reduction was provided to allow the commission to approve this. The motion carried unanimously.

3. **WESTCOTT & MAPES, INC.** – Mark Davis

A. **Rock Street and Welch's Point Road Pump Stations**

No change since the last report.

B. **Viscount Drive Sanitary Sewer Force Main Replacement**

The Contractor, Empire Paving, Inc., has completed work on the project and will perform minor concrete repair work near the intersection of Naugatuck Avenue and Old Point Road in the next few weeks.

Empire Paving, Inc. has requested that Substantial Completion be approved for the project, subject to the concrete repair work being completed. This will initiate the 1-year guarantee period required under the Contract.

*Commissioner Castignoli made a motion to approve the Substantial Completion with Commissioner Collier seconding the motion. The motion carried unanimously.*

Payment Application No. 7 in the amount of \$38,277.69 has been received from the Contractor, requesting reduction of retainage to 2½-percent.

*Commissioner Hubler made a motion to approve the reduction in retainage from 5% to 2½-percent with Commissioner Collier seconding the motion. The motion carried unanimously.*

C. **Sailors Lane Pump Station Generator Replacement**

The Contractor, Kovacs Construction Corp., has completed restoration of landscape areas and will maintain these through the spring. Payment Application No. 9 has been reviewed and certified by W&M in the amount of \$1950.00.

D. **Housatonic Wastewater Digester Gas Piping Repairs**

The bid opening for the project took place on April 30<sup>th</sup> with Denali Water Solutions LLC being the apparent low bidder at \$862,200.00 for the base bid to clean the primary digester and \$629,000.00 for the add alternate to clean the secondary digester. W&M has reviewed the bid submission and found it to be complete. There is not enough funding in the account for this project, however, the Public Works and Finance Directors have determined that \$538,440.00 can be moved from the Edgefield/Seabreeze Avenue Sanitary Sewer account to provide adequate funding for the base bid amount. Approval is requested to fund the account for the project and to award the contract to Denali Water Solutions LLC.

*Commissioner Collier made a motion to approve the transfer of funds and award the contract to Denali Water Solutions, LLC, with Commissioner Hubler seconding the motion. Discussion ensued as to why there was so much money left in the Edgefield Avenue/Seabreeze Avenue SS Account. Mr. Davis explained that the sag discovered in the sanitary sewer line on Seabreeze had been monitored for several years without incident and that the anticipated repair work was not needed. The motion carried unanimously.*

W&M will be starting construction administration for the project, which includes submittal review, on-site construction representation as needed, and evaluation of payment applications. Approval is requested for W&M to provide these construction administration services for the not to exceed amount of \$55,000.00.

Commissioner Collier made a motion to approve W&M to provide the construction administration. Commissioner Castignoli seconded the motion. The motion carried unanimously.

#### **E. Repair/Replace Sanitary Sewer Force Main Failures at Various Locations**

The Contractor, John J. Brennan Construction Company, Inc., has completed installation and hydrostatic testing of the new 14-inch sanitary sewer force main and it has been put into service this week. The Contractor has also completed installation of the new above-ground fuel oil tank at the Boston Post Road Pump Station. Construction of the bypass manhole for the pump station and permanent pavement repair of Boston Post Road remain to be completed. Payment Application No. 1 has been reviewed and certified by W&M in the amount of \$410,342.85.

#### **F. Gulf Pond Sanitary Pump Station Repairs**

Preparation of specifications and plans for the project is ongoing.

#### **G. Lower Wepawaug “Stonebridge” Pond Sewer/Manhole Lining**

Design for this project is also ongoing and the owner of Stonebridge has been contacted to discuss and coordinate the project schedule.

#### **4. CONSULTING ENGINEER’S REPORT –Mark Davis**

Replacement of the buried fuel oil tank at the Viscount Drive Pump Station with a new above-ground tank has been requested by the Public Works Director. He and the Finance Director have determined that \$23,609.00 can be moved from the Rock Street/Welches Point Pump Station Upgrade account to the Viscount Drive Sanitary Sewer Force Main account to provide adequate funding. Approval is requested to fund the account for the fuel oil tank replacement.

Commissioner Castignoli made a motion to approve with Commissioner Hubler seconding the motion. Discussion ensued as to the cost and the size of the tank, which will power the generator in an emergency. Mr. Davis responded that he felt it was a good price. The motion carried unanimously.

Replacement of a portion of sanitary sewer, between French Drive & Pond Point Avenue, has been requested by the Public Works Director. It is desired that this be completed prior to the start of construction on the new ball fields off French Drive. To fund the work, approval of the final change order for Viscount Drive Sanitary Sewer Force Main Replacement project is requested along with approval to transfer the \$542,342.42 credit to the Repair/Replace Sanitary Sewer Force Main at Various Locations project, contingent on the change order be finalized.

Commissioner Castignoli made a motion to approve the proposed change order for Viscount Drive with Commissioner Collier seconding the motion. Discussion ensued regarding what

was removed from the Viscount Drive SS project. Mr. Davis explained the paving was removed and incorporated into the Walnut Beach project and some other miscellaneous items that kept the project under budget. The motion carried unanimously.

Commissioner Castignoli made a motion to approve the transfer of funds with Commissioner Collier seconding the motion. The motion carried unanimously.

## **5. WASTEWATER REPORT– Lindsay King**

### **Wastewater Treatment Plants**

Both Wastewater Plants performed well in the month of April, producing a high quality effluent. 238 million gallons was treated at the Housatonic Plant and 72 million gallons at the Beaver Brook Plant for a total of 310 million gallons. The Housatonic plants monthly average effluent nitrogen was 336 lbs/day (permit limit = 307 lb/day) and the Beaverbrook Plants monthly average effluent nitrogen was 77 lbs/day (permit limit of 94 lbs/day). Mr. King explained that it is our wet periods but mostly the digester issues that cause the issues.

At the Housatonic Plant normal monthly maintenance was performed:

1. Replaced the shear pin and adjusted sprockets on Primary Clarifier
2. Finished replacing plumbing at West Ave Pump Station after much of the piping was destroyed by hydrogen sulfide.
3. Removed RAS Pump #6 from service to repair leaking check arm
4. Drained and replaced gasket in Secondary Clarifier #2. Cleaned collector arms and put the tank back in service
5. Repaired broken check valve on Belt Press Booster Pump
6. Removed RAS Pump #5 motor after bearings started to fail and sent motor out for repair.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Replaced level probes in polymer system
2. Reprogrammed new screen on polymer machine
3. Troubleshoot belt speed sensor alarm; de-scaled belt drum and returned to operation
4. Removed a major clog in the feed piping for the belt filter press. Sand and grit had built up in the pipe

### **Collection System**

#### **Pump Stations**

Scheduled maintenance was performed at the following pump stations: Holly Street, New Haven Avenue, Mayflower Place, and Old Field Lane. Some maintenance items were not completed due to limited staffing.

Other Duties Performed:

1. Ran generators at Watrous, Anderson, Welch's, Buckingham, Old Gate, Roses Mill, Naugatuck, Matthew, Concord, Holly, Mayflower, Cricklewood, Kinloch, Flax Mill, Pumpkin Delight, Sailors and Crowley
2. UI checked electrical connections at Milford Point Pump Station after multiple alarms for power loss. A loose connection was found behind the meter cover
3. A starter went bad in Welch's Point PS. Northeast generator hooked up a temporary generator while the part was ordered and installed. This was found during the testing and Mr. Davis is working with Kovacs regarding the warranty.
4. Removed two pump clogs at New Haven Ave and two clogs at Rodgers Ave

5. A new device called a "Wet-Well Wizard" was installed at Roses Mill PS. The station has chronic problems with grease and rags building up and clogging the pumps. This device has been mixing the wet-well to prevent a buildup and allow the material to pass through the pumps. The well is also aerated by the device preventing any septic conditions occurring. Once we are satisfied the device is working well we will start to add them to other problem stations to reduce clogging, odors and wet-well cleanings.
6. Ran generator at Flax Mill PS while poles were relocated for the bridge replacement project.

There were 6 alarms at the pump stations:

- 0 for Power Outage
- 0 for High Wet-well
- 0 for Control Power
- 5 for Station Trouble
- 0 Check Fail
- 1 Low Level
- 0 Overload

### **Sewer Maintenance**

Sewer Maintenance answered 5 complaints.

Sewer Maintenance crews performed scheduled maintenance at the following T-sites:  
T-10, T-11, T-22, T-48, T-49, T-57 & T-52

Maintenance was also completed on the following previously due T-Sites:  
T-28

There were sewer excavations at the following locations:

- 14 Pauline Street (Emergency)
- 733 E. Broadway (Emergency)

Other duties performed were:

1. Cleared a mainline blockage at Pepes Farm Road and reported a sewage overflow to DEEP because some of it made it to the catch basin and was caused by wipes in the line.
2. Cleared another blockage at Welch's Point Road; all wastewater was contained in manholes (no sewage by-pass!).
3. Assist City with milling and paving by repairing and bringing to grade all sanitary sewer manholes
4. Sewer Solvent added at various pump station wet-wells
5. Friday T-sites

A total of 9,985 ft. was jet flushed, 6,110 ft. televised, 2,050 ft. spy tv'ed, 795 ft. hand rodded, 870 ft hydraulically root cut, 0 ft smoke tested, 385 ft root treated and 0 ft dye tested.

Mr. King explained to the Commission that their sludge hauler had not renewed the contractor with the city due to the cost of hauling. He explained that he has a temporary hauler for 2 years, however, the cost may be quite high due to the locations and the associated hauling fee. Two are in Connecticut, but due to State DEEP putting limits on incinerator stacks and how much they can burn, more than likely the third location in Pennsylvania will receive the sludge which will cost much more. They will do what they can to keep the cost down

6. **COMMITTEE REPORTS**– None

7. **OLD BUSINESS** – None

**8. VOTING**

a.) Regular Meeting Minutes of March 26, 2020

Chairman Cooke called for a motion to approve the March 26, 2020 regular minutes. Commissioner Castignoli made a motion to approve the minutes seconded by Commissioner Collier. The motion carried unanimously with Mr. Hubler's abstention.

c.) Approval of Payments

Chairman Cooke called for a motion to approve the payments in the amount of \$504,945.54. Commissioner Castignoli made a motion to approve the payments in the amount of \$504,945.54 seconded by Commissioner Collier. The motion carried unanimously.

**9. CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Cooke stated there were 16 Administrative Approvals through June 2, 2020. Chairman Cooke called attention to 526 Naugatuck Avenue, 8-30g development, already in the queue before moratorium on affordable housing. The application falls under the allowable flow so it was approved administratively.

Chairman Cooke called for a motion to adjourn at 6:43 p.m. Commissioner Castignoli made a motion to adjourn with Commissioner Hubler seconding the motion. The motion carried unanimously.

Respectfully submitted,

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Beverly A. Hayes, BS  
Recording Secretary