

CITY OF MILFORD  
SEWER COMMISSION REGULAR MEETING  
July 17, 2019

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, July 17, 2019 in Conference Room C of the Parsons Government Center, 70 West River Street, Milford, CT.

The following Commissioners were in attendance:

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

Commissioners and others not in attendance:

Others in attendance:

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

Chairman Cooke called the regular meeting to order at 6:00 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):** -
3. **TABLED ITEM**

- a.) 328 Meadowside Road – Affordable 8-30g for 8 one bedroom & 4 two bedroom units (previously approved for 12-one bedroom).

*Commissioner Collier made a motion to remove 328 Meadowside Road from the table. Commissioner Castignoli seconded the motion. The motion carried unanimously.*

Thomas Lynch accompanied by applicant Warren Field explained that his client had contracted with Westcott & Mapes to conduct a Sewer Capacity Analysis for this proposed increase in usage, which was requested by the commission at the April 2019 meeting. He submitted the report for the record. Referring to the conclusion, he explained the finding were that this increase in bedrooms will have no adverse effects to the system.

*Commission Collier made a motion to approve with Commission Castignoli seconding the motion. Discussion ensued regarding the 2016 updated Criteria for Sewer Equivalency to hold applicants to for calculations and approvals with this applicant going from 576 GPD to almost double at 1060 GPD. T. Lynch referred to the Dauti case. The commission approved the application unanimously.*

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

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

Mr. Davis reported that final walkthrough of the Rock Street and Welch's Point Road Pump Stations would take place the following morning, Thursday July 18<sup>th</sup>. He noted that once any items identified during the walkthrough are corrected, the project will be ready for substantial completion. The Contractor, Kovacs Construction Corp., has submitted Payment Application #32 which has been reviewed and certified by W&M in the amount of \$40,809.63

**B. Beaver Brook WWTP Aeration Line Replacement**

Mr. Davis reported no change since the last report.

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

Mr. Davis reported that W&M had reviewed the Bid submission from B&W Paving and Landscaping, LLC, the apparent low Bidder on the project, and found it to be complete. He further reported that W&M had contacted several of the references listed in the Bid submission. Mr. Davis stated that based upon review B&W Paving and Landscaping, LLC is qualified to be awarded the project. Mr. Davis submitted for the record three emails from communities where B&W completed projects which were referenced in the bid submission. He read them into the record. He added the B&W Paving's bid was \$2,020,800.

Chairman Cooke called for a motion. Commissioner Castignoli made a motion to approve awarding of the Viscount Drive Sanitary Sewer Force Main Replacement to B&W Paving & Landscaping, LLC. Commissioner Hubler seconded the motion. The motion carried unanimously.

Mr. Davis explained that Westcott & Mapes will be starting construction administration and that they will have a full time inspector on the site as well as other construction administration activities. He respectfully request approval of Westcott & Mapes conducting the Construction Administration for the not to exceed amount of \$205,000.

Commissioner Castignoli made a motion to approve awarding the construction administration to Westcott & Mapes for the not to exceed amount of \$205,000 with Commissioner Hubler seconding the motion. Mr. Bier questioned if 10% is typical for construction administration. Mr. Davis responded usually between 10-15% is typical, however W&M's not to exceed fee is based on the staff hours needed to for the work. He described the project duties under construction administration. He added that there is no contingency on the project; however, there are allowances in the bid for Rock, Concrete Pavement & possible removal of trolley tracks. The motion carried unanimously.

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

Mr. Davis reported the new generator continues to be in production and that the contractor, Kovacs Construction Corp., reports delivery to be on schedule for early August.

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

Mr. Davis reported that preparation of specifications and plans for the project is ongoing. He further reported that recently there has been a problem with operation of the secondary digester's roof, which is not a part of this project. Mr. Davis explained that a Bid Alternate will be added to obtain a price to clean-out the secondary digester for repair of its roof.

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

Mr. Davis reported that borings are being coordinated and design for replacement of a section of the Boston Post Road force main is ongoing.

### **5. CONSULTING ENGINEER'S REPORT – Mark Davis**

Mr. Davis submitted a memorandum addressed to the City Attorney regarding the Gulf Pond Sanitary Sewer Pump Station repairs included in the 2020 sanitary sewer capital improvements projects. The memorandum discusses required replacement of a 24-inch diameter valve of a type not recommended for wastewater applications, which was installed during station upgrades completed in 2013.

### **6. COMMITTEE REPORTS - None**

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

Mr. King reported that there was another break in the Boston Post Road/West River Street section of the sewer force main. Mr. Davis added that they should be able to go out to bid for replacement of the section in September of this year.

Mr. King added that Mr. Davis accompanied him up to DEEP. The last facility plan had an error in the discharge capacity for Beaverbrook plant. DEEP did not want to change the adequate capacity without a full out facility plan which is not required till 2025. So they agreed to concentrate on inflow/infiltration work. Discussion ensued on some areas they will address.

## **Wastewater Treatment Plants**

Both Wastewater Plants performed well in the month of June, producing a high quality effluent. 195 million gallons was treated at the Housatonic Plant and 55 million gallons at The Beaver Brook Plant for a total of 250 million gallons. The Housatonic plants average effluent nitrogen was 174 lbs/day (permit limit = 307 lb/day) and the Beaverbrook Plants average effluent nitrogen was 50 lbs/day (permit limit of 94 lbs/day).

At the Housatonic Plant normal monthly maintenance was performed; Installed belts and guards on RAS pump #1, uninstalled a chemical feed pump and sent it out for repairs. Replaced bad bearings on the rooftop unit at West Ave Pump Station and repaired worn chain and sprocket on Primary Clarifier #1

At the Beaver Brook Plant normal monthly maintenance was performed. Replaced snapped auger on polymer feed system and later cleaned up a large clog in the polymer system that created quite a mess. Replaced rotted Digester sample sink with a new one.

## **Collection System**

### **Pump Stations**

Scheduled maintenance was performed at the following pump stations: Crowley, Grove and Naugatuck Avenue. Some maintenance items were not completed due to limited staffing.

#### Other Duties Performed:

1. Load tested generators at Anderson, Zion Hill and Old Field Lane
2. The generator at Old Field Lane Pump Station has a bad control panel that will be replaced
3. George Ellis worked on the air conditioning unit at West Mayflower pump station. The unit has failed and needs to be replaced.
4. The force main for Boston Post Road Pump Station broke at the corner of West River and the Post Road. The repair was completed by Brennan Construction.
5. Preventive maintenance was done on Gulf Pond, Rodgers, and Post Road Pump Stations.

There were 9 alarms at the pump stations:

- 6 for Power Outage
- 2 for High Wet-well
- 1 for Control Power

#### **Sewer Maintenance**

Sewer Maintenance answered 11 complaints.

Sewer Maintenance crews performed scheduled maintenance at the following T-sites:

T-9, T-17, T-18, T-19, T-20, T-21, T-27, T-33, T-37 and T-50

There were sewer excavations at the following locations:

16 Wall Street  
100 Camden Street

Other duties performed were:

1. Assisted paving and milling on State and City roads around all manholes
2. Lateral blockages were cleared on Spruce Street and Bridgeport Avenue – the backups were contained - no by-pass occurred
3. Main line backup on the Post Road Pump Station Drop – contained to manhole
4. Sewer Solvent added on Adams, Captains, Morningside and Roses Mill
5. Installed new “leader hose” on the new jetter
6. Friday T-Sites

A total of 18,215 ft. was jet flushed, 3,075 ft. televised, 2,930 ft. spy tv’ed, 1,400 ft. hand rodded, 650 ft hydraulically root cut, 470 ft root treated and dye tested 695 ft.

#### **8. VOTING**

a.) Regular Meeting Minutes of June 26, 2019

Chairman Cooke called for a motion to approve the June 26, 2019 minutes. Commissioner Hubler made a motion to approve the minutes seconded by Commissioner Castignoli. The motion carried unanimously.

b.) Approval of Payments

Chairman Cooke called for a motion to approve the payments in the amount of \$56,539.63 Commissioner Hubler made a motion to approve the payments in the amount of \$56,539.63 seconded by Commissioner Castignoli. The motion carried unanimously.

**9. CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Cooke stated there were 4 Administrative Approvals through July 17, 2019.

Chairman Cooke called for a motion to adjourn at 6:38 p.m. Commissioner Castignoli made a motion to adjourn with Commissioner Collier seconding the motion. The motion carried unanimously.

Respectfully submitted,

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Beverly A. Hayes, BS  
Recording Secretary