

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
January 23, 2019

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, January 23, 2019 in Conference Room C of the Parsons Government Center, 70 West River Street, Milford, CT.

The following Commissioners were in attendance:

Vice Chairman Edmund Collier
Commissioner Vito Castignoli
Commissioner Bradford Hubler
Commissioner, Vacant

Commissioners and others not in attendance:

Chairman Lee Cooke

Others in attendance:

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

Vice Chairman Collier called the regular meeting to order at 6:00 pm.

Vice Chairman Collier 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.) 55 Shelland Street - Milford Power Company, LLC –Temporary Discharge into Sewer system

Brian Gaulzetti, Project Environmental Scientist at Tighe & Bond, Thomas Padburg, Milford Power Company, LLC and James Olson, Tighe & Bond, Licensed Environmental Professional, who will be on site during dewatering. Brian Gaulzetti explained that they will be conducting groundwater sampling and the 1-2 gallons of water from each well after sampling which will be discharged into the sewer system. There will be approximately 35 gallons of water per quarter. The testing is related to contamination that occurred decades ago and the associated remediation. This is to show DEEP that the remediation was successful. It is also necessary for their General Permit. They explained the sampling process.

Mr. Davis suggested that the LEP on site confirm that the concentration of contaminants from dewatering have no adverse impact on the City's Permit for the Housatonic

Wastewater Treatment Plant. The City Treatment Plant has its own requirements set by DEEP that must be complied with.

Mr. Castignoli made a motion to approve on the stipulation that the LEP on site, confirm that the concentration from dewatering, has no adverse impact on the City's Permit for the Housatonic Wastewater Treatment Plant. Mr. Hubler seconded the motion and the motion carried unanimously.

3. WESTCOTT & MAPES, INC. – Mark Davis

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

Mr. Davis reported that both the Rock Street and Welch's Point Road Pump Stations continue to be on-line with the new pumps in operation. He further reported that installation of the odor control system at the Welch's Point station is ongoing with paving and landscape restoration work planned for the spring. The Contractor, Kovacs Construction Corp., has submitted Payment Application #28 which has been reviewed and certified by W&M in the amount of \$15,456.37.

Based upon an unforeseen occurrence on October 16, 2018 where the existing force main inside the Welch's Point Road Pump Station failed while operating the new wastewater pumps, additional work was required to replace the existing 20-inch force main from inside the station to the new bypass piping outside the rear of the building. This repair required six weeks of work to remove existing piping through the concrete foundation wall, excavate to a 20-foot depth behind the station building to access the buried force main, and operation of the station bypass beyond its scheduled shutdown and disassembly. Kovacs Construction Corp. is requesting compensation for this additional work. The amount of this change order is \$153,596.42.

Vice Chairman Collier called for a motion. Mr. Hubler made a motion to approve the change order for \$153,596.42 with Mr. Castignoli seconding the motion. The motion carried unanimously.

Based on a request from Wastewater Division to replace the upper cone and riser of the existing inlet manhole outside the Welch's Point Road Pump Station with a chamber to accommodate future bypass of the station during periodic maintenance, Kovacs Construction Corp. is requesting a change order to install a concrete vault with access hatch, manhole opening, and buried HDPE piping for temporary bypass pump connection. The amount of this change order is \$25,782.27.

Vice Chairman Collier called for a motion. Mr. Hubler made a motion to approve the change order for \$25,782.27 with Mr. Castignoli seconding the motion. The motion carried unanimously.

After review of the preceding change orders by Public Works, Wastewater Division, W&M, and the Commission's Chairman and Vice Chairman, Mr. Davis respectfully

requested approval of the preceding additional work that was not included in the Contract Documents prepared by AECOM.

B. Edgefield Avenue Pipe Lining

Mr. Davis reported that W&M has received final completion documents for the project from the Contractor, National Water Main Cleaning Company and is awaiting receipt of their final payment application.

C. Beaver Brook WWTP Aeration Line Replacement

Mr. Davis reported that the Contractor; B&W Paving & Landscaping, LLC, has completed corrections to the aluminum grate installation at the aeration basin junction box. He further reported that the Contractor is coordinating repair of the damaged raw sewage sampler with the manufacturer.

D. Viscount Drive Sanitary Sewer Force Main Replacement

Mr. Davis reported that plans and specifications are being finalized for bidding in February.

E. Sailors Lane Pump Station Generator Replacement

Mr. Davis reported the project is awaiting additional funding.

4. CONSULTING ENGINEER'S REPORT – Mark Davis

Mr. Davis reported that fourteen Contractors submitted their qualifications to perform construction for the 2019 Sanitary Sewer Projects. W&M has reviewed their qualifications and a summary list was distributed to the Commission. Mr. Davis respectfully requested approval of the Contractors submitting qualifications.

Vice Chairman Collier called for a motion to approve the 2019 Qualified Contractors for Sanitary Sewer Projects. Mr. Castignoli made a motion to approve with Mr. Hubler seconding the motion. The motion carried unanimously.

Mr. Davis also reported that Bond Authorization requests for the Housatonic WWTP Primary Digester in the amount of \$550,000 and for Sanitary Sewer Force Main Repair and Replacement in the amount of \$880,000 are being submitted by the Mayor to the Board of Finance for their January 28th meeting.

5. COMMITTEE REPORTS - None

6. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of November, producing a high quality effluent. We treated 277.4 million gallons at the Housatonic Plant and 80.3 million gallons at The Beaver Brook Plant for a total of 358 million gallons.

At the Housatonic Plant normal monthly maintenance was performed. Repairs were completed on the furnace at West Avenue Pump Station, replaced gas valve on Digester Boiler, repaired septage pump #2 and changed roller bearings on Belt Filter Press #2.

Average Effluent Nitrogen was 392 lbs/day for the month of December. The annual average for 2018 is 292 lb/day putting us 15 lbs/day under the permit limit of 307 lb/day. Unfortunately, there was a permit violation for Total Suspended Solids of 94 mg/l on 12/11/2018. We are unsure of the cause as no problems were observed and all other parameters were in their normal range. A possible problem with the sampling hose is being looked into to avoid problems in the future.

At the Beaver Brook Plant normal monthly maintenance was performed. Replaced oil in aeration blowers 1, 2 & 3, replaced filter on Grit chamber Blower and greased slides on Digested sludge recirculation pump #2. Average effluent nitrogen was 121 lbs/day over the permit limit of 94 lbs/day. The plant averaged 113 lbs/day in 2018 putting the Beaverbrook Plant 19 lbs/day over the permit.

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump station: West Mayflower. Some maintenance items were not completed due to limited staffing.

Other Duties Performed:

1. Replaced #4 soft start contactor and installed rebuilt side stream pump #1 at Gulf Pond
2. Shafts, motors, pumps and comminutor were lubricated at Rodgers Avenue and Boston Post Road stations.
3. Generator batteries were replaced at Watrous, Viscount and Kurk Volk
4. Bad fuel was removed from day tank; tank was flushed and refilled during boiler service at Boston Post Road.
5. Repaired generator oil leak at live Oaks
6. 20 Generators were load tested with one failure
7. Unit heater was replaced at Adams Pump Station

There were 3 alarms at pump stations; all were for station trouble.

Sewer Maintenance

Sewer Maintenance answered 6 complaints.

Sewer Maintenance crews performed scheduled maintenance at 5 trouble sites cites: T-12, T-27, T-39, T-44 and T-50.

There were two sewer excavations in December at the following locations: 359 Pond Point Avenue and 5 Grassy Lane.

Other duties performed were:

1. Main line blockages on Grass Lane and Orland Street
2. Dye-Test police station downspouts – not connected to sanitary sewer
3. Spy Eye 710 North Street to locate septic tank
4. Raised manhole on New Haven Avenue
5. Root cutting on Grassy Lane and Ardmore Road
6. Sewer backup on Canterbury Lane; pulled out wipes and roots
7. Hand rod Morning Mist Road; lateral backed up from roots
8. Took care of the Friday T-sites.

A total of 16,410 ft. were jet flushed, 3,250 ft. televised, 1,090 ft. were spy tv'ed, 745 ft. were hand rodded, and Duke's Root control treated 21,000 ft. of mainline sewer.

7. VOTING

a.) Meeting Minutes of December 19, 2018

Vice Chairman Collier called for a motion to approve the December 19, 2018 minutes. Commissioner Castignoli made a motion to approve the minutes of seconded by Commissioner Hubler. The motion carried unanimously.

b.) Approval of Payments

Vice Chairman Collier called for a motion to approve the payments in the amount of \$61,791.37. Commissioner Hubler made a motion to approve the payments in the amount of \$61,791.37 seconded by Commissioner Castignoli. The motion carried unanimously.

8. CHAIRMAN'S REPORT

a.) Administrative Approvals

Vice Chairman Collier stated there were 12 Administrative Approvals through January 23, 2019.

Vice Chairman Collier called for a motion to adjourn at 6:30 p.m. Commissioner Hubler made a motion to adjourn with Commissioner Castignoli seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary

