

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
December 15, 2021

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, December 15, 2021, at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Chairman Edmund Collier

Vice Chairman, Vacant

Commissioner Brian Bier

Commissioner Bradford Hubler

Commissioner Edward Abel

Others in attendance:

Lindsay King, Wastewater

Christopher Saley, Director of Public Works

Robert Tedeschi, Sewer Consultant, Weston & Sampson

Chris Wester, Sewer Consultant, Weston & Sampson

Beverly Hayes, Recording Secretary

Commissioners and others not in attendance:

Commissioner Tara Carroll

Martin Hardiman, BOA Liaison

James Tranquilli Jr., BOA Liaison

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

1. ELECTION OF VICE CHAIR

Chairman Collier acknowledged that all members were not present at this point in the meeting, and they will take this up the voting at the next meeting when all members were present.

2. CITIZEN'S COMMENTS - None

Statements limited to the legislative function of the Sewer Commission. The time limit granted to each speaker shall be three (3) minutes. Residents, taxpayers, or electors may address the Commission.

Gail Box, 110 Erna Avenue, explaining that she currently has a failing cesspool and there is no room on her property for a septic system and has been advised by an Engineer to install a pump system and connect to the nearest sewer line. She explained that in March of 2015, a petition was presented to this commission requesting sewers for Erna Ave and the small side streets. She requests that the Commission put the money in the budget to have them installed. Chairman Collier thanked her for bringing this to the attention of the Sewer Commission and explained that these projects need to be bonded. He cannot say when this could be done, however, he will address this with the Mayor.

3. APPLICATIONS (PETITIONS)

- a.) 765 Boston Post Road - Application for restaurant and nail salon/spa where the proposed flow exceeds the allowable flow.

Atty. Thomas Lynch accompanied by the contactor Chuck Moyer gave background of property explaining it has been a restaurant, however the structure suffered damage due to recent Hurricanes and has recently been renovated and is under contract for sale. The proposal is for an Asian Restaurant and a Nail Salon. Chuck Moyer addressed the water bills he submitted, explaining that both proposed businesses own similar business elsewhere of the same size and have provided those records. The restaurant uses 440 GPD and the other nail locations varies from 395 GPD to 617 GPD. The allowable flow is 990 GPD and the proposed flow calculates very high at 2,782 GPD. He explained that these businesses will keep below the allowable flow.

Chairman Collier called for a motion to approve for purposes of discussion. Commissioner Hubler made a motion to approve for discussion seconded by Commissioner Abel. Discussion ensued. There were some discrepancies on the actual seating numbers, due to changes made during applications to other City departments. Also of concern is a deck on the property, that is not included at this time, however, has the potential for additional seating. Chairman Collier suggested that the application be tabled to get some clarification of the seating numbers and Atty Lynch responded that the applicant can do that and have them for the next meeting. Chairman Collier called for a motion. Commissioner Hubler made a motion to table with Commissioner Abel seconding the motion. The motion carried unanimously.

4. SEWER ASSESSMENTS - None

5. WESTCOTT & MAPES, INC. – Report from Mark Davis – presented by Lindsay King

Gulf Pond Sanitary Pump Station Repairs

A final walkthrough of the pump station was conducted with Wastewater Division and the Contractor, Kovacs Construction Corp. last Thursday, December 9th. Work at the station was found to be adequately completed, apart from delivery of correctly sized hand-wheels for 3 of the 4 newly installed 18-inch suction valves.

The Contractor has requested that Substantial Completion be approved for the project. W&M has reviewed their request and recommends approval with the condition that the 3 hand-wheels be received and installed. This will initiate the 1-year warranty period for the project.

Chairman Collier called for a motion for Substantial Completion. Commissioner Hubler made a motion to approve with Commissioner Abel seconding the motion. The motion carried unanimously.

Lower Wepawaug “Stonebridge” Pond Sewer/Manhole Lining

No change since last report.

6. CONSULTING ENGINEER'S REPORT – Weston & Sampson – Robert Tedeschi

On-Call Support Services

1. Sanitary Sewer Pump Station Upgrades #1 Various Locations:
 - a. This project consists of proposed improvements to the following wastewater pumping stations:
 - i. Sailors Lane Pump Station
 - ii. Old Gate Lane Pump Station
 - iii. New Haven Ave Pump Station
 - iv. Watrous Lane Pump Station
 - v. Live Oaks Pump Station
 - b. Topographic Survey field work has been completed at each station
 - c. Base mapping completed at each station
 - d. Preliminary Design review meeting held on December 1, 2021. Comments are being incorporated and formal 30% design submission to the city will be delivered week of December 20, 2021.
2. Collection System Flow Evaluation:
 - a. This project consists of the development of a subarea-by-subarea prioritized schedule for future Sanitary Sewer Evaluation Surveys (SSES) that would identify sources of Infiltration and Inflow (I/I) and other defects in the wastewater collection system. This evaluation utilizes available pumping station flow data, pump motor run-time meter data, water consumption data from the Regional Water Authority, and the City's GIS access database.
 - i. Tabulated and processed multiple years of pump motor run-time meter data, from paper format, for each of the wastewater into Excel files.
 - ii. Reviewed water consumption data from the Regional Water Authority. This data is being compared to the pump station run time meter data.
 - iii. Developed subsystem mapping based on pump station sewershed areas.
 - iv. Received revised data on 12/10/2021 from RWA and currently incorporating the data into the on-going analyses
 - v. Draft Report will be submitted in December 2021.
3. Housatonic WWTP Modeling & Assessment: Athletic Brewing Co. – 75 Cascade Blvd
 - a. Authorized to proceed on 10/1/2021 to develop a BioWin Model.
 - b. Assisted in developing and initiating a short-term sampling program at the Plant.
 - c. Wastewater sampling data results were scheduled to be available mid November; however, due to quality issues at the laboratory, the City has switched to an alternative laboratory.
 - d. Portions of the new laboratory data has been received and incorporated.
 - e. BioWin Model configuration and development of preliminary calibration underway.
 - f. Final calibration confirmation subject to receipt of final special sampling data which has been delayed.
 - g. Capacity modeling to follow final calibration confirmation.

7. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of November, producing a high-quality effluent. 383 million gallons was treated at the Housatonic Plant and 54 million gallons at the

Beaver Brook Plant for a total of 437 million gallons. The Housatonic plants monthly average effluent nitrogen was 186 lbs./day (annual average is 201 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 44 lbs./day (annual average is 56 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Serviced polymer system
2. Fixed gate for grit chamber
3. Pumped down and cleaned grit chamber #2. The chain and sprocket drive in the grit chamber is broken beyond repair; replacement parts have been ordered.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Serviced aeration compressor
2. Greased and serviced belt filter press
3. Cleaned digester boiler

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Zion Hill and Gulf Pond Pump Stations

Other Duties Performed:

1. Generators were exercised on full load at Captains Walk, Adams Ave, Buckingham Ave, Ryders Woods, Flax Mill, Live Oaks, Milford Point Road, West Mayflower, West Ave, Welches Point, Rock Street, Anderson, Grove St, and New Haven Ave Pump Stations
2. Cleared clogs in pump at Roses Mill, Matthew, and Gulf Pond Oxygen Pumps
3. Installed new variable frequency drive at Pumpkin Delight
4. Installed temporary control panel at Morningside Pump Station. The portable pump was removed from the site.

There were 10 alarms at the pump stations:

- 5 for Power Outage
- 2 for High Wet-well
- 0 for Control Power
- 3 for Station Trouble
- 0 for Over-temperature
- 0 for Low wet-well level

Sewer Maintenance

Sewer Maintenance answered 7 complaints.

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

T-16, T-25, T-34, and T-37 and carry over T-sites T-11, T-17, T-48, and T-32.

There were sewer excavations at the following locations:

28 Kirkside Avenue

Other duties performed were:

1. Root cut sanitary sewers on Strathmore and Sawmill Road
2. Cleared sewer backup on Londonderry easement (no wastewater left the system)
3. Raised manholes for overnight paving downtown
4. Friday T-sites

A total of 10,775 ft. was jet flushed, 4,810 ft. televised, 15,30 ft. spy TV 'ed, 695 ft. hand rodded, 1,685 ft hydraulically root cut, 0 ft smoke tested, 415 ft root treated, and 0 ft. dye tested.

8. COMMITTEE REPORTS - None

9. OLD BUSINESS - None

10. VOTING

a.) Regular Meeting Minutes of November 17, 2021

Commissioner Hubler made a motion to approve the Regular Meeting Minutes of November 17, 2021, with Commissioner Abel seconding the motion. The motion carried with Commissioner Bier abstaining.

b.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$25,412.37. Commissioner Hubler made a motion to approve the payments in the amount of \$25,412.37 seconded by Commissioner Abel. The motion carried unanimously.

11. CHAIRMAN'S REPORT

a.) Administrative Approvals

Chairman Collier stated there were 10 Administrative Approvals through December 15, 2021.

12. ADJOURN

Chairman Collier called for a motion to adjourn at 6:33 p.m. Commissioner Hubler made a motion to adjourn with Commissioner Abel seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary

