

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
April 24, 2024

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, April 24, 2024, at 6 PM in Conference Room C.

The following Commissioners were in attendance:

Chairman, Bradford Hubler

Vice Chairman Edward Abel

Commissioner Alexander J. Armstrong

Commissioner Daniel Spicer

Others in attendance:

Lindsay King, Wastewater

Robert Tedeschi, Sewer Consultant, Weston & Sampson

Beverly Hayes, Recording Secretary

Commissioners and others not in attendance:

Commissioner Tara Carroll

Christopher Saley, Director of Public Works

Andy Fowler, Alderman Liaison

Jennifer Federico, Aldermen Liaison

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

1. CITIZEN'S COMMENTS

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.

Roberta Silver, 55 Governors Avenue explained that she is concerned that the project tabled last month for 34 Buick Avenue, due to the size, is not in conformance with the Plan of Conservation and Development and the sewer treatment plants cannot handle this. Do we have data to process this tonight?

Charles Casey, 86 Governors Avenue explained that he not in support of the project proposed at 34 Buick Avenue. He provided a memo form the City Engineer John Casey to the Sewer Commission dated January 26, 1993 (submitted for record). This memo mentions that a sanitary sewer easement to connect the properties at 84 (86) & 88 Governors Avenue could be conditionally approved for future development of that parcel. He explained his limitations on connection to the sewers at Governor's Avenue.

Trista Simoncek, 61 Governors Avenue explained that this development does not follow the

Plan of Conservation & Development.

Others were present and signed in however, did not speak:

Syumi Harb, 94 Governors Avenue

Candace Mayer, 71 Governors Avenue

Mike Blake, 65 Governors Avenue

James Niles, 44 Governors Avenue

Cydney Broatch, 77 Governors Avenue

Jim Broatch, 77 Governors Avenue

Teresa Gorman, 43 Governors Avenue

2. APPLICATIONS (PETITIONS)

3. TABLED APPLICATIONS

a.) 27 Village Road/114 Hawley Avenue – Proposed Mixed Use Development

Chairman Hubler called for motion to remove the application from the Table. Commissioner Abel made the motion with Commissioner Armstrong seconding the motion. The motion was carried unanimously.

Commissioner Hubler explained that Commissioner Abel, Lindsay King and Robert Tedeschi attended a meeting with CT DEEP regarding the application for Sanitary Sewer Evaluation Study to DEEP for the Clean Water Funding Grant. Mr. King summarized the meeting with DEEP on 4/9/2024. The Commission discussed approval of future projects and their proposed flows. CT DEEP feels the city is being proactive on taking action on Inflow and Infiltration. Mr. King added that these projects tabled last month, he has no problem with the commission approving as the flows are not that high with Mr. Tedeschi adding that CT DEEP suggested that larger projects, such as those over 5,000 gallons per day, be brought to their attention.

Chairman Hubler called for a motion. Commissioner Abel made a motion to Approve with Commissioner Spicer seconding the motion. The motion was carried unanimously.

b.) 17-19 Cherry Street – Proposed Multi Family Residential Development

Chairman Hubler called for motion to remove the application from the Table. Commissioner Abel made the motion with Commissioner Armstrong seconding the motion. The motion was carried unanimously.

Jeff Gordon, Codespoti & Associates explained the sewers will be PVC and the amount of effluent is minimal.

Chairman Hubler called for motion. Commissioner Spicer made a motion to Approve with Commissioner Abel seconding the motion. The motion was carried unanimously.

c. 152 Beach Avenue/162 Kings Highway – Proposed Multi Family Residential Development

Chairman Hubler called for motion to remove the application from the Table. Commissioner Armstrong made the motion to with Commissioner Abel seconding the motion. The motion was carried unanimously.

Chairman Hubler called for motion. Commissioner Armstrong made a motion to Approve with Commissioner Abel seconding the motion. The motion was carried unanimously.

d. **143 Fourth Avenue** – Proposed Multi Family Residential Development

Chairman Hubler called for motion to remove the application from the Table. Commissioner Abel made the motion with Commissioner Spicer seconding the motion. The motion was carried unanimously.

Chairman Hubler called for motion. Commissioner Abel made a motion to Approve with Commissioner Spicer seconding the motion. The motion was carried unanimously.

e. **34 Buick Avenue** - Proposed Multi Family Residential Development

Chairman Hubler called for motion to remove the application from the Table. Commissioner Armstrong made the motion with Commissioner Able seconding the motion. The motion was carried unanimously.

Discussion ensued regarding Sanitary Sewer access and Easement and due to the size of the project it may warrant a capacity study and a conversation with CT DEEP. Tabling the application will allow the City and the Sewer Consultant to look into lateral situation, easement and Capacity.

Chairman Hubler called for motion to Table for the consideration of the lateral easement for 86 & 88 Governors Avenue recommendation by the then City Engineer John Casey's memo to the Sewer Commission dated January 26, 1993 and if the trunk line on Cherry street line can handle the size of the project. The City Engineer and the Sewer Consultant will need to look into this pending another conversation with CT DEEP before the next meeting. Commissioner Armstrong made a motion to Approve the motion to Table with Commissioner Abel seconding the motion. The motion was carried unanimously.

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

On-Call Support Services

a. Sanitary Sewer Pump Station Upgrades #1 Various Locations:

1. This project consists of proposed improvements to the following wastewater pumping stations: Sailors Lane, Old Gate Lane, New Haven Ave., Watrous Lane, and Live Oaks
2. 96 Shop Drawings have been processed to date.
3. Responded to four (4) RFIs.
4. Project meetings are held on the last Wednesday of every month.
5. Work began at sailors Ave and New Haven Ave pumping stations consisting of test pits to locate existing utilities and site clearing.
6. Live Oaks scheduled to begin in June after school is out.

b. Rogers Avenue Sanitary Pump Station Upgrade:

1. Kovacs Construction retained to construct the proposed improvements.
2. Received and processing long lead time item (generator, etc.) shop drawings.
3. 23 shop drawings and five (5) Requests for Information processed to date.

4. Receiving and responding to Requests for Information.
5. Project meeting scheduled for April 25, 2024.

c. Housatonic WWTP Upgrades: Athletic Brewing Co.:

1. Two (2) bids received by the Purchasing office on 1/10/2024. The apparent low bidder was Kovacs Construction with a bid of \$1,363,900.00. This project is being financed by a bond funded by ABC, in the amount of \$1,870,000, which includes \$1,500,000 for construction and contingency.
2. Sewer Commission awarded the project to Kovacs at the January 2024 meeting.
3. Agreement executed on March 18, 2024. City issued Purchase Order.
4. Awaiting date from Contractor to schedule the pre-construction meeting

d. Sanitary Sewer Evaluation Survey (SSES)

1. The city is moving forward with plans to implement a prioritized SSES program.
2. The City advertised an RFQ to solicit qualification statements from Engineering firms to conduct an evaluation of the city's wastewater collection system. Weston & Sampson was selected at the December 2023 Sewer Commission meeting.
3. Weston & Sampson developed a Engineering Services Agreement (ESA) which has been submitted to the City and CTDEEP for review and approval. The ESA will address infiltration and Inflow areas identified in the 2022 Report. Once approved by the CTDEEP, and deemed eligible for the 55% CTDEEP Clean Water Fund Planning Grant, the Engineering Services Agreement will be presented to the Sewer Commission for review and approval.
4. The SSES is scheduled to be performed during the spring of 2024: Condition upon CTDEEP approval; Eligibility for CTDEEP 55% Clean Water Fund Grant, and City staff review.
5. Met with DEEP on April 9, 2024 to discuss SSES and plant flows. Awaiting CTDEEP approval to perform the SSES.

Chairman Hubler called for a motion to approve SSES once approved by CT DEEP so they can begin work. Commissioner Spicer made the motion to approve with Commissioner Armstrong seconding the motion. The motion carried unanimously.

5. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of March, producing high-quality effluent. 355 million gallons were treated at the Housatonic Plant and 114 million gallons at the Beaver Brook Plant for a total of 469 million gallons. The Housatonic plants monthly average effluent nitrogen was 439 lbs./day (annual average for 2023 is 351 lbs./day and is over the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 202 lbs./day (annual average for 2023 is 125 lbs./day and is over the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Installed a new grit pump and put grit chamber #2 back online.
2. Repaired leak on waste activated sludge grinder.
3. RAS pump #3 started leaking around the seal. Replaced the seal but the pump shaft was in poor condition and the new seal did not hold. Removed the impeller from the pump and installed it into an older pump to try to get a functioning pump but the pump failed after a day. Sent out pumps for rebuilding. Delivery of a new return activated sludge (RAS) has a 20-week lead time. Two additional pumps have also been ordered and the failed pumps have been sent out for repair.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Replaced gear oil in primary tank collector flights.
2. Performed complete preventative maintenance on polymer make down machine.
3. Renewed acti-clean lubricant in every rack in the ultraviolet system

Pump Stations

Scheduled maintenance was performed at the following pump stations: Live Oaks, Carriage Drive, Pumpkin Delight, and Sailors Lane.

Other Duties Performed:

1. Ran generators on full load at Welches's Pt, Rock, Anderson, Old Gate, Carriage, Morningside, Crowley, Holly, Ryders Woods, Buckingham, Old Field, Adams, Captains Walk, Kinlock, Ford, Naugatuck, Rogers, Milford Pt., Zion Hill, Viscount, Cricklewood, West Mayflower, Mathews, and West Ave. pump stations.
2. Cleaned wet wells at Roses Mill, Adams, Watrous, Naugatuck, Ford, Zion Hill, West Mayflower.
3. The main breaker was tripping out at West Ave with three pumps running causing the station to switch over to generator power. An electrical contractor, Southern New England Electrical Testing, LLC, was brought in to inspect the breaker and found the CT wires may have been installed backwards. The wires were flipped, and the breaker is no longer tripping with three pumps running.
4. The heavy rain has been causing high flows in the pump stations. The following pump stations had all their pumps running for several days (i.e. max capacity): Cricklewood, Gulf Pond, West Ave, Post Road, and Rogers Pump Stations
5. Cleared clogs at Rogers Avenue (4x), Watrous (2x), Kinlock and Gulf Pond Pump Stations

There were 7 alarms at the pump stations:

Power loss	2
High Well	4
Station Trouble	1

Sewer Maintenance

Sewer Maintenance answered 2 complaints.

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

T-7, T-8, T-27, T-30, T-9, T-26, T-29, T-33, T-38, T-39, T-20, T-42, and T-51

There was a sewer excavation at the following location:

18 Cricklewood Road

Other duties performed were:

1. Broken and missing pipe sections were found during routine camera inspection in an easement from Morning Mist Road to Spindrift Lane. Green Mountain Pipe has been contracted to line the pipe as normal excavation would be extremely difficult in this location.

2. Locating and raising buried manholes on Old Gate Lane. The contractor, VMS construction, will need to access the manholes as part of the Old Gate Lane Pump Station upgrade.
3. Cleared main line blockage at 115 Botsford Avenue (Wastewater did not leave the system).
4. Friday T-sites

A total of 15,425 ft. was jet flushed, 5,830 ft. televised, 1,675 ft. spy TV 'ed, 810 ft. hand rodded, 1,950 ft hydraulically root cut, and 450 ft root treated.

American Rescue Plan Act – Wastewater Pump Station Emergency Generators

1. This ARPA funded project consists of replacing emergency generators at multiple wastewater pump stations.
2. \$1,504,000 is approved for this project.
3. Gulf Pond and West Avenue generators have gone out to bid and received a low bid of \$492,600.
4. The Gulf Pond generator has been installed and a load test was performed on 3/18/2024. The load test failed when running at 100% due to insufficient fuel reaching the generator. We are waiting for the contractors to recommend corrective action to fix the problem.
5. A second bid was opened on March 8th for generators at Wanda, Post Road, White Oaks, Matthew, Anderson, Mayflower, Milford Point, and a portable generator. L. Holzner Electric Company has been selected as the low bidder for \$656,555.00. Possible start date in June.

6. INFLOW/INFILTRATION UPDATE

- a.) A Wet Weather SOP aimed at minimizing potential effluent violations triggered by high flow conditions at the plant has been submitted to DEEP.
- b.) Weston and Sampson previously completed a Flow Evaluation of all the Cities pump stations and identified the Post Road Pump Station service area as one of the subareas having a large amount of inflow and infiltration (I&I). We used closed circuit television inspection to identify leaks and propose a pipelining project to eliminate them. An on-call pipe lining bid is currently posted and results will be opened on May 23rd.
- c.) The Department of Energy and Environmental Protection is asking us to start an SSES study in the spring of 2024. The SSES work would qualify for a CT-DEEP Clean Water Fund Grant (55% Grant 45% local share). As of this writing the Department of Environmental and Energy Protection has nearly completed reviewing the proposal from W&S for the work.

7. OLD BUSINESS - None

8. NEW BUSINESS - None

9. VOTING

- a.) *Public Hearing Minutes of March 27, 2024*

Chairman Hubler called for motion to approve the Public Hearing Minutes of March 27, 2024. Commissioner Armstrong made a motion to approve with Commissioner Armstrong seconding the motion. The motion carried unanimously.

b. *Public Hearing Minutes of March 27, 2024*

Chairman Hubler called for motion to approve the Regular Meeting minutes of March 27, 2024. Commissioner Abel made a motion to approve with Commissioner Armstrong seconding the motion. The motion was carried unanimously.

c. *Approval of Payments*

Chairman Hubler called for a motion to approve the payments in the amount of \$602,426.25. Commissioner Abel made a motion to approve the payments in the amount of \$602,426.25 with Commissioner Armstrong seconding the motion. The motion carried unanimously.

d. **CHAIRMAN'S REPORT**

a.) *Administrative Approvals*

Chairman Hubler stated there were 14 Administrative Approvals through April 24 2024.

e. **ADJOURN**

Chairman Hubler called for a motion to adjourn at 7:02 p.m. Commissioner Armstrong made a motion to adjourn with Commissioner Abel seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary