

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
November 15, 2023

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, November 15, 2023, at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Chairman Edmund Collier

Vice Chairman, Bradford Hubler

Commissioner Edward Abel

Commissioner Tara Carroll

Others in attendance:

Lindsay King, Wastewater

Robert Tedeschi, Sewer Consultant, Weston & Sampson

Beverly Hayes, Recording Secretary

Commissioners and others not in attendance:

Commissioner Alexander J. Armstrong

Christopher Saley, Director of Public Works

Michelle Parente, Aldermen Liaison

Scott Marlow, Alderman Liaison

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

1. **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.

2. **APPLICATIONS (PETITIONS)**

- a.) **0 Depot Road** – Proposed Multi Family Residential Development – No on in attendance moved to Item B.

Michael Saley arrived and stated he represents his family in this project. He explained the project is 42 units of residential units. The family has not decided if these will be rental or if they will sell them. Mr. Saley added that he understands that due to State laws, the Commission must consider the capacity of the sewer system rather than the allowed flow. The proposed usage calculation is at 4,675 gpd. Mr. Tedeschi explained that this amount of flow is negligible flow. Mr. Saley added that the property is residential on one side and industrial on the other side.

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

- b.) **0,305,325 Sub Way** – Proposed 160,000 sq. ft. warehouse with office space & related loading docks

Atty. Kevin Curseaden introduced Manny Silva to present. Mr. Silva explained they are proposing a 160,000 sq ft. warehouse where the old Subway Headquarters was. He explained the existing conditions and the proposed conditions, and the location of the sewer lateral. They have two other smaller locations which will now be located here, and they are proposing approximately 6,000 gpd where the 15,765 gpd would be allowed. Mr. Tedeschi explained that they used the industrial building calculation which is very conservative at 16,000 gpd. Adding that it will probably be a net wash. Chairman Collier added not much of an impact on the sewer system, with Commission Hubler adding that it is also close to the highway.

Chairman Collier called for a motion. Commissioner Hubler made a motion to approve the project with Commissioner Carroll seconding the motion. The motion carried unanimously.

The Commission went back to Item A 0 Depot Road In Applications.

3. **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. Contract Documents between the City and VMS Construction have been executed.
3. Pre-Construction meeting with VMS Construction was held on for July 20, 2023. Preliminary schedule indicates majority of work will occur in 2024.
4. 43 Shop Drawings have been processed to date. Construction is anticipated in early 2024.

B. Rogers Avenue Sanitary Pump Station Upgrade:

1. Bids were received from the pre-qualified contractors on June 6, 2023. One (1) bid was received from Kovacs Construction Corp of Oxford, CT in the amount of \$3,444,900. The Project will be funded by City Bond funds. Two (2) Purchase Orders have been set up by the city to fund the project.
2. The Sewer Commission awarded the project to Kovacs Construction. Weston and Sampson issued contract documents to Kovac for execution. Kovac assembled the bonds and insurance certificates. Received documents from Kovacs forwarded same to the City Attorney for signature. Received signed contract from the city along with purchase order for the work. They issued a Notice to Proceed to the Contractor on 11/13/2023. The preconstruction meeting is scheduled for the end of the month.

C. Housatonic WWTP Upgrades: Athletic Brewing Co.:

1. Final design documents submitted to the City for review. Received comments and developed construction documents for bidding.

2. Received CTDEEP approval to use Aluminum Chlorohydrate for enhanced solids removal.
3. Project will be advertised for bid on 11/17/2023. Pre-proposal meeting scheduled for 12/5/2023. Bids will be due to the Purchasing office on 1/10/2024.

D. Collection System Flow Evaluation:

1. Report submitted on January 24, 2022, which included a 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.
2. The 180 day moving average daily flow at the Housatonic WWTP had previously exceeded 90% of the design flow rate requiring the City to develop a plan to accommodate future increases in flow to the plant. Met with CTDEEP on March 29, 2023 to discuss options for addressing the need to reduce infiltration and inflow to both treatment plants to reduce the 180 day moving average daily flow.
3. City is moving forward with CIPP lining of sewers within the Boston Post Road Area and plans to implement a prioritized SSES program.
4. The City has advertised an RFQ to solicit qualification statements from Engineering firms to conduct an evaluation of the city's wastewater collection system.
5. Received comments from CTDEEP requesting a response by 12/1/2023 regarding removal of I/I from the collection system. Discussion ensued regarding the response to CT DEEP and signoff for letter.

4. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of October, producing a high-quality effluent. 226 million gallons were treated at the Housatonic Plant and 72 million gallons at the Beaver Brook Plant for a total of 298 million gallons. The Housatonic plants monthly average effluent nitrogen was 143 lbs./day (annual average for 2023 is 182 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 51 lbs./day (annual average for 2023 is 58 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Repaired hydraulic oil leak in ultraviolet disinfection system.
2. Repair leaks on worn out grit classifier cone.
3. Replaced failed variable frequency drive for air makeup unit on solids building.
4. Removed and sent out for repair RAS pump #5 to replace failing bearing.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Replaced a leaking lab faucet with a new one.
2. Replaced gearbox and screw conveyor brushes on step screen washer.
3. Troubleshoot and found a bad contactor in the step screen washer.
4. Replaced an actuated valve in a water line feeding the digester gas compressor.

Pump Stations

Scheduled maintenance was performed at the following pump stations: Ford Street, White Oaks, Buckingham, and Morningside.

Other Duties Performed:

1. Ran generators on full load at Sailors, Mathews, Milford Pt, Viscount, Cricklewood, Rogers, Ford, Post Rd, Zion, Crowley, Naugatuck, Holly, Kinlock, Concord, Capt. Walk, Anderson, Morningside, Buckingham pump station.
2. Replaced faulty transducer at Concord pump station.
3. Pump # 2 at Milford Point PS has a seal failure and was swapped out with a spare pump.
4. Cleaned wet wells at Rose's Mill, Flax Mill, Old Field, Adams, and Gulf Beach.
5. Replaced pump rails for both pumps at Old Field Lane PS.
6. Cleared clogs at Rogers Avenue (4x), Milford Point and Captains Walk Pump Stations

There was 1 alarm at the pump stations:

- 1 for Power Outage

Sewer Maintenance

Sewer Maintenance answered 4 complaints.

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

T-06, T-11, T-17, T-26, T-32, T-13, T-29, T-38, T-48, T-49, T-20, and T-42

There was a sewer excavation at the following location:

NA

Other duties performed were:

1. Raised manholes for milling and paving city streets.
2. Replaced 3 broken manhole frames and replaced two broken manhole covers.
3. Jet-rodde siphons at New Haven Ave and Pond Point Avenue.
4. Friday T-sites

A total of 13,665 ft. was jet flushed, 3,410 ft. televised, 1,275 ft. spy TV 'ed, 335 ft. hand rodde, 2,010 ft hydraulically root cut, and 500 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 new generator is being installed at West Ave Pump Station. A temporary backup generator is connected during construction. The Gulf Pond generator replacement will start after West Ave. is installed and tested. The custom exhaust system has been installed at West Avenue but is waiting to get insulated to complete the installation. They will move to Gulf Pond Pump Station next.
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. We are currently waiting on the long lead time for the generators; no delivery date has been set yet.

Adams Avenue Generator Replacement

1. The 60-kw generator and transfer switch will be replacing the existing failed generator.
2. The project has gone out to bid and received a low bid of \$49,735.
3. We currently have a soft delivery date of December for the generator (60-week lead time).
4. FEMA and insurance money have already been received.
5. FEMA requires the project to be completed by July 2024

5. 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 are using closed circuit television inspection to identify leaks and propose a pipe lining project to eliminate them. Specifications, mapping, closed circuit television inspection and associated reports have been submitted to purchasing to prepare a bid package. Additional engineering work may be needed to complete the process.
- 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 CTDEEP Clean Water Fund Grant (55% Grant 45% local share). A bid requesting qualifications for engineering services related to SSES work has been posted on November 2 and bids were due by November 14th.
- d.) Action: A committee will need to be assembled to review the submitted engineering RFQ's and interview at least three candidates to select a firm.
Commissioner Abel volunteered to be on the Committee to interview the firms. The Chief of Staff was also selected to serve on the committee.

6. OLD BUSINESS - None

7. NEW BUSINESS - None

8. VOTING

- a.) Regular Meeting Minutes of October 25, 2023

Chairman Collier called for motion to approve the Regular Meeting minutes of October 25, 2023. Commissioner Hubler made a motion to approve with Commissioner Carroll seconding the motion. The motion was carried.

- b.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$23,640.57. It was noted that Lindsay King reviewed the payments, which will be corrected on the payment sheet. Commissioner Hubler made a motion to approve the

payments in the amount of \$23,610.57 with Commissioner Carroll seconding the motion. The motion carried unanimously.

c.) Approval of Meeting Dates for 2024

Chairman Collier called for a motion to approve the Meeting Dates for 2024. Commissioner Hubler made a motion to approve with Commissioner Carroll seconding the motion. The motion carried unanimously.

9. **CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Collier stated there were 5 Administrative Approvals through November 15, 2023.

10. **ADJOURN**

Chairman Collier called for a motion to adjourn at 6:31 p.m. Commissioner Hubler made a motion to adjourn with Commissioner Carroll seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary