

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
January 25, 2023

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, January 25, 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 Alexander J. Armstrong
Commissioner Tara Carroll

Others in attendance:

Jon Berchem, City Attorney
Christopher Saley, Director of Public Works
Steven Johnson, Asst. Director of Public Works
Lindsay King, Wastewater
Robert Tedeschi, Sewer Consultant, Weston & Sampson
Scott Marlow, Alderman Liaison
Michelle Parente, Aldermen Liaison
Beverly Hayes, Recording Secretary
Scott Bristol, SLR
Don Gonyea, SLR
Chris Kallam, Athletic Brewing
Jamie Lissette, Athletic Brewing
John Walker, Athletic Brewing
Matthew Berendt

Commissioners and others not in attendance:

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

Chairman Collier thanked Commissioner Brian Bier for his service to the Sewer Commission. He then welcomed Alexander Armstrong as a new Sewer Commission member.

He then turned the meeting over the Secretary, Beverly Hayes for the election of officers.

1. ELECTION OF OFFICERS

Ms. Hayes called for a nomination for Chairman. Commissioner Hubler made a motion to elect Ned Collier as Chairman. Commissioner Carroll seconded the motion. Hearing no other nominations, the motion passed unanimously. The meeting was turned over to the Chairman.

Chairman Collier asked for a nomination for Vice-Chairman. Chairman Abel made a motion to elect Brad Hubler as the Vice-Chairman. Chairman Collier seconded the motion. Hearing no other nominations, the motion passed unanimously.

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.

3. APPLICATIONS (PETITIONS)

- a.) 75 Cascade Boulevard - Existing Brewery to increase proposed flow where the proposed flow exceeds the allowed flow.

Chairman Collier read into the record the language for the motions for discussion as follows:

Regarding the application to discharge 40,000 gallons per day I recommend approval on the condition that Athletic Brewing Company, LLC, enter into a formal agreement with the City of Milford to initiate the steps needed to implement the recommended improvements to the Housatonic WWTP, as detailed in the March 2022 report prepared by Weston & Sampson.

Regarding the application to discharge 80,000 gallons per day I recommend approval under the condition that there is substantial completion of construction of the recommended improvement to the Housatonic WWTP as detailed in the March 2022 report prepared by Weston & Sampson.

It is also required that the applicant submit test results of wastewater sampling and flow monitoring to the city according to the monitoring frequency set in each permit.

Chairman Collier also added that all conditions are based on the memorandum of understanding between Athletic Brewing and the City and all financials we have not part in but that it all gets worked out and executed.

Motion by Commissioner Hubler to approve both applications for discussion incorporating the language from Chairman Collier. Commissioner Abel seconded the motion.

Discussion ensued noting that the city will benefit from the improvements and needs to make them regardless if Athletic Brewing were here. Jon Berchem explained that there are 2 components to this. The 40,000 gpd approval will allow them to begin discharging immediately once DEEP approval is achieved followed by the 80,000 gpd which is contingent on the repayment of the 1.7 million bond debt service for the improvements which will be paid

for by Athletic Brewing for the substantial improvements to the Housatonic WWTP before they can discharge. Mr. Lissette added that everyone has been great in the process, noting that the applications to DEEP require the Chairman's signature.

Commissioner Hubler made an amendment to the motion to allow for the Chairman to sign to effectuate the motion. The motion was seconded by Commissioner Carroll and carried unanimously.

Chairman Collier called for a motion to approve the 40,000 gpd application to include the Amendment. Commissioner Hubler made a motion to approve with Commissioner Carroll seconding the motion. The motion carried unanimously.

Chairman Collier called for a motion to approve the 80,000 gpd application including the amended language. Commissioner Hubler made a motion to approve with Commissioner Abel seconding the motion. The motion carried unanimously.

4. 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. Received approval from the Sewer Commission to advertise for Bid to the 2023 pre-qualified Contractors. Prequalification of Contractors for 2023 is currently under way. Contractors could be approved at the December Sewer Commission meeting. A meeting is scheduled with Purchasing for 1/9/2023 to finalize bidding requirements and dates. Project will be distributed to the 2023 Contractors for bid in January 2023.
- c. Bid documents available to Contractors on January 20, 2023.
- d. A pre-proposal meeting/site walk has been scheduled for 9:00 AM January 26, 2023, at the Housatonic WWTP.
- e. Bids will be due to the Purchasing Department by 3:00 PM February 16, 2023.

2. Collection System Flow Evaluation:

- a. 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.
- b. Met with CTDEEP to discuss options for moving forward with developing SSES documents. SSES evaluations are partially funded by the CTDEEP Clean Water Fund Planning Grant Program (55% Grant, 45% Local Share)
- c. **Action:** City to retain the services of a professional engineering firm selected through the CTDEEP Quality Based Selection (QBS) Process. Once selected, funding for the SSES study will be sought through the CTDEEP Clean Water Fund Grant Program.

3. *Housatonic WWTP Modeling & Assessment: Athletic Brewing Co.*

- a. The Housatonic wastewater treatment facility can accept and treat the applicant's initial loading (at 20,000 gpd) without need for modification to current processes or equipment. However, ultimate loading (at 80,000 gpd) will require operational and physical changes to allow for both the applicant's flows and continued acceptance of planned flows from continued development within the City. This is summarized in Weston & Sampson's engineering report dated March 2022.
- b. The Applicant has submitted a CT DEEP "General Permit Registration Form for Discharge of Wastewaters from Significant Industrial Users (SIU GP)" to the City for approval. Reviewed and commented upon said SIU GP.
- c. Met with CT DEEP, the City and the Applicant on July 11th to discuss development schedule and permitting requirements. It is anticipated that wastewater flow from the facility will reach the following milestones as follows:
 - i. 20,000 gpd by the end of 2022.
 - ii. 40,000 gpd by mid-2023.
 - iii. 80,000 gpd by early 2024.
- d. Developed additional modeling analysis to determine impact of proposed 40,000 GPD discharge and impact on the WWTP.
- e. Applicant submitted SIU GP to the Sewer Commission for approval at the 1/25/2023 sewer commission meeting.
- f. **Action:** Act upon Significant Industrial Users General Permits for 40,000 and 80,000 gpd discharge. There is a Bond Debt Service Repayment Agreement in draft form, the details of which are currently being finalized. Once the agreement is in place, the improvements to the Housatonic WWTP, which are required prior to full build out of the facility, can begin. Anticipate design efforts would begin in March 2023.

4. *Rogers Avenue Sanitary Pump Station Upgrade*

- a. Proposed upgrades will consist of replacing:
 - i. 3 Pumps 75 HP 1,300 gpm; 104 TDH 480 3 phase (Allis Chalmers)
 - ii. Level and Pump controls,
 - iii. Channel grinders,
 - iv. 180 Kw Stand-by generator
 - v. Buried fuel oil tank with above ground tank.
- b. Upgrades will also be made to protect against flooding during storm events.
- c. Received review comments and currently working towards 90% submittal, which will include architectural and flood protection design.
- d. Anticipate 90% submission end of January.

5. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of December, producing a high-quality effluent. 196 million gallons was treated at the Housatonic Plant and 53 million gallons at the Beaver Brook Plant for a total of 249 million gallons. The Housatonic plants monthly average effluent nitrogen was 212 lbs./day (annual average for 2022 is 169 lbs./day and is under the 307

lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 56 lbs./day (annual average for 2022 is 64 lbs./day and is under the permit limit of 94 lbs./day).

Some maintenance items were not completed due to limited staffing.

At the Housatonic Plant normal monthly maintenance was performed:

1. Replaced failed variable frequency drive on a mixed liquor recycle pump
2. Drained south side of the secondary treatment process to work on broken valves inside the anoxic tank. A bracket was fabricated and installed to repair the breaks in the valve shafts.
3. A high-level alarm was installed in the WAS storage tank
4. Replaced aeration blower #5 with a refurbished blower.
5. Installed new natural gas line for the solids building rooftop units. The internally routed gas line had corroded from hydrogen sulfide. The new line now runs outside the building and onto the roof.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Replaced condensate tank in digester
2. Replaced/repairs parts on digester compressor system that had corroded. Put compressor online.

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: West Mayflower

Other Duties Performed:

1. Ran generators on full load at Grove, Buckingham, Old Field, Adams, Captains Walk, Anderson, Carriage, New Haven Ave, Cascade, Old Gate, Kinlock, Live Oaks, Ford, Flax Mill, Concord, Post Road, Zion Hill, Rogers, West Mayflower, Cricklewood, Viscount, Milford Point, Mathew, Holly, Crowley, Sailors, and West Ave Pump Stations.
2. Cleaned wet wells at Wanda, Rose's Mill, Watrous, Cricklewood and Naugatuck Pump Stations
3. Replaced electric heater at Zion Hill
4. Replaced leaking water coolant line on generator at Milford Point
5. Cleared clogs at Watrous Lane and Welches Point Pump Stations

There were 7 alarms at the pump stations:

- 2 for High Water
- 0 for Low Well
- 5 for Power Outage
- 0 for Station Trouble

0 for Pump Over Temperature

Sewer Maintenance

Sewer Maintenance answered 6 complaints.

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

T-12, T-27, T-39, T-50, T-56, T-16, T-25, T-51, T-20, T-37, T-29, T-38, T-42, T-40, T-44, and T-53

There were sewer excavations at the following locations:

52-54 Pond Point Avenue

75 Deerwood – Repair plant water line

Other duties performed were:

1. Cleared blockages on Pond Point Avenue Siphon (wastewater stayed in system)
2. Checked Washington Street Bypass plug and West Ave Force Main Plug
3. Friday T-sites

A total of 11,450 ft. was jet flushed, 2,540 ft. televised, 1,605 ft. spy TV 'ed, 375 ft. hand rodded, 1,150 ft hydraulically root cut, 0 ft smoke tested, 445 ft root treated, and 220 ft. dye tested.

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 has been approved for this project
3. Gulf Pond and West Avenue generators have gone out to bid and received a low bid of \$492,600. A soft delivery date for the generators is set for May 2023
4. A second bid is posted for generators at Kurk Volk, Wanda, White Oaks, Matthew, Anderson, Mayflower, Milford Point, and a portable generator. A pre-bid meeting was held on December 8th and the bids are due on February 15th.

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 do not have a delivery date for the generator (60-week lead time) but included in the bid is a lower price for the temporary generator. The cheaper temporary generator has been installed with the price decreasing from \$2,534 to \$700 per month.
4. FEMA and insurance money has already been received.
5. FEMA requires the project to be completed by July 2024

6. **COMMITTEE REPORTS** - None

7. **OLD BUSINESS** - None

a.) RFQ for On-Call Engineering Services

8. **VOTING**

a.) Regular Meeting Minutes of December 21, 2022

Chairman Collier called for motion to approve the minutes of December 21, 2022. Commissioner Hubler made a motion to approve with Commissioner Abel seconding the motion. The motion carried unanimously with Commissioners Carroll & Armstrong abstaining.

b.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$ 39,181.63 Commissioner Hubler made a motion to approve the payments in the amount of \$ 39,181.63 seconded by Commissioner Abel. The motion carried unanimously.

c.) **CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Collier stated there were 6 Administrative Approvals through January 25, 2023. The application for 553 West Avenue was raised as a concern by Commissioner Hubler and Mr. King due to large discharge that was administratively approved. Chairman Collier explained that typically applications under the allowable flow are administratively approved. Ms. Hayes explained that the application was approved by the Commission previously for double the units and discharge and typically when resubmitted for a lower flow are administratively approved. Chairman Collier offered any Commissioner to stop at Engineering Office to review the files and if there are issues, please let him know and we can add it to agenda for next month. In no way did he wish to circumvent the Commission.

d.) **ADJOURN**

Chairman Collier called for a motion to adjourn at 6:40 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