

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
January 24, 2024

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, January 24, 2024, at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Commissioner Edward Abel

Commissioner Alexander J. Armstrong

Commissioner Tara Carroll

Commissioner, Bradford Hubler

Commissioner, Daniel Spicer

Others in attendance:

Lindsay King, Wastewater

Robert Tedeschi, Sewer Consultant, Weston & Sampson

Beverly Hayes, Recording Secretary

Jennifer Federico, Aldermen Liaison

Commissioners and others not in attendance:

Christopher Saley, Director of Public Works

Andy Fowler, Alderman Liaison

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

1. ELECTION OF OFFICERS

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

Chairman Hubler asked for a nomination for Vice-Chairman. Chairman Hubler made a motion to elect Ed Abel as the Vice-Chairman. Commissioner Carroll 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.) 993 Bridgeport Avenue – Proposed Residential shelter and soup kitchen

Attorney Thomas Lynch with Frank Vacca, professional engineer from BSC Group to present the project. Attorney Lynch explained that the existing shelter at 90 New Haven Avenue proposed this same shelter to the Commission back in 2022. They have moved the site to 993 Bridgeport Avenue. The shelter will consist of 6 Studio Units, 11-One Bedroom Apartment Units, 10-Two Bedroom Family Units with shared kitchen and living space and a Soup Kitchen with seating for 44 people; there are several offices and meeting rooms totaling 5,232 sq.ft. as well as a daycare for residents only. He explained the zoning for the property is different than the 90 New Haven Avenue location and could not be administratively approved so they are here before the Commission. Frank Vacca, professional engineer with BSC Group. He referred to the site plan for the property depicting the shelter, parking area, location of sewer line and the proposed exterior grease trap. He explained because this is on a State Road they would like to use the existing 6 inch lateral to connect the building and grease trap instead of going into the state road. He went over the calculation on the application explaining they are allowed 1,140 gpd and they are proposing 3,341. He added that he spoke with the sewer consultant Robert Tedeschi about the design and with the City Planner who requires more parking area so the site will actually be closer to .82 acres. Mr. Vacca added that the location of the exterior grease trap may change slightly with the final submission to Planning & Zoning.

Mr. Tedeschi explained that he reviewed the discharge which will be 2200 gpd over which is negligible, and he suggested that the applicant use the existing 6 inch lateral to avoid going into the state road. Commissioner Abel stated the 2200 gpd is not overly concerning and due to the transient population, the occupancy may fluctuate.

Chairman Hubler called for motion. Commissioner Armstrong made a motion to approve with Commissioner Carroll seconding the motion. The motion 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. 65 Shop Drawings have been processed to date. Responding to three (3) RFIs. Construction anticipated in early 2024, predicated on equipment delivery. There was a project meeting today and the construction is expected to begin in March at the Old Gate Lane Pump Station.

B. Rogers Avenue Sanitary Pump Station Upgrade:

1. Sewer Commission awarded the project to Kovacs Construction. Issued a Notice to Proceed to the Contractor on 11/13/2023 in the amount of \$3,444,900.
2. Preconstruction meeting held on 12/13/2023. Received and processing long lead time item (generator, etc.) shop drawings. eight (8) shop drawings processed to date. Receiving and responding to Requests for Information.

C. Housatonic WWTP Upgrades: Athletic Brewing Co.:

1. Received CTDEEP approval to use Aluminum Chlorohydrate for enhanced solids removal.
2. Project advertised for bid on 11/17/2023. Pre-proposal meeting held on 12/5/2023.
3. Two (2) bids received by the Purchasing office on 1/10/2024. See letter of recommendation dated January 18, 2024. The apparent low bidder is Kovacs Construction with a bid of \$1,363,900.00, in-line with the project's opinion of probable construction cost and overall budget. 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.

Chairman Hubler called for motion to award the contract to Kovacs, the lowest bidder. Commissioner Armstrong made a motion to approve with Commissioner Spicer seconding the motion. The motion carried unanimously.

4. Weston & Sampson submitted a proposal to the City dated December 19, 2023 to provide construction phase engineering services related to the proposed improvements.
 - i. Action: Review and consider approval to authorize Weston & Sampson to provide construction phase engineering services for the not exceed fee of \$46,000.

Chairman Hubler called for a motion to award the construction phase engineering services to Weston & Sampson. Commissioner Abel made a motion to approve with Commissioner Carroll seconding the motion. The motion carried unanimously.

D. Collection System Flow Evaluation:

1. City is moving forward with CIPP lining of sewers within the Boston Post Road Area and plans to implement a prioritized SSES program.
2. The City has 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. Received request from CTDEEP for update as to efforts regarding removal of I/I from the collection system. City is preparing response.
4. Weston & Sampson is developing a Engineering Services Agreement (ESA) which will be 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.

5. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of December, producing high-quality effluent. 313 million gallons were treated at the Housatonic Plant and 95 million gallons at the Beaver Brook Plant for a total of 408 million gallons. The Housatonic plants monthly average effluent nitrogen was 367 lbs./day (annual average for 2023 is 195 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 78 lbs./day (annual average for 2023 is 59 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Replaced broken variable frequency drive for Belt Filter Press
2. Installed a new level control for the Recycle Flow Pump Station.
3. Replaced a broken Vogelsang sludge feed pump with an unused Vogelsang pump in digester.
4. Repaired a hole in the Volute of RAS Pump #6; returned to service.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Cleared clogged pipe on Secondary Scum Pit.

2. Replaced fuse on the aeration control panel.
3. Filled oil on Belt Filter Press - screw conveyor gearbox.

Pump Stations

Scheduled maintenance was performed at the following pump station: West Mayflower.

Other Duties Performed:

1. Ran generators on full load at Welch's, Morningside, Anderson, Sailors, Post Road, Zion Hill, Cricklewood, Mayflower, Milford Point, Mathew, Concord, Viscount, Flax Mill, Kinlock, Cascade, Watrous, Old Field and Adams pump stations.
2. Cleaned wet wells at Rose's Mill, Naugatuck and Watrous
3. Replaced failed level controller at Mathews after station went into high well alarm.
4. Greased pumps and driveshafts at Post Road and Gulf Pond as all pumps have been running due to the high flows.
5. Cleared clogs at Rogers Avenue (2x) and New Haven Ave Pump Stations

There were 8 alarms at the pump stations:

- 1 for Station Trouble
- 4 for High Wet Well
- 3 for Low Wet Well

Sewer Maintenance

Sewer Maintenance answered 7 complaints.

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

T-12, T-27, T-40, T-50, T-56, and T-44

There was a sewer excavation at the following location:

9 Pearl Hill Street

Other duties performed were:

1. Rebuilt manholes in Calf Penn Easement
2. Closed circuit television inspection of new Genesis Car Dealership for acceptance.
3. Installed an activated carbon odor control sock in the vent pipe where the West Ave Pump Station discharges on Bic Drive in response to an odor complaint.
4. Friday T-sites

A total of 10,450 ft. was jet flushed, 3,710 ft. televised, 1,835 ft. spy TV 'ed, 670 ft. hand rodded, 1,075 ft hydraulically root cut, and 325 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. Construction is finished on the new generator at West Ave Pump Station. Construction at Gulf Pond will start on January 23rd.

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 for 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. The Generator has been delivered to the contractor and we are waiting on an installation date.
4. FEMA and insurance money have already been received.
5. FEMA requires the project to be completed by July 2024

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. Specifications, mapping, closed circuit television inspection and associated reports have been submitted to purchasing and a bid is currently being prepared by Wescott and Mapes. The intent of the bid is to have on-call pipe-lining contractors that can be used for this and future projects.
- 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). Weston and Sampson Engineering (W&S) has been identified as the first choice for performing the work. We are currently reviewing a proposal from W&S for the work. Discussion ensued as to submitting a draft of the Weston & Sampson contract for the work to CTDEEP for review prior to the Sewer Commission awarding the contract and also allowing for the work to begin in March/April.

7. OLD BUSINESS - None

8. NEW BUSINESS

- a.) Amendment to Consulting Engineer's Contract Article 5 – Payments to the Engineer

Mr. Tedeschi explained there is an adjustment of rates annually according to the Weston & Sampson contract with the City.

Chairman Hubler called for a motion. Commissioner Armstrong made a motion to approve the 2024 rates with Commissioner Abel seconding the motion. The motion carried unanimously.

9. VOTING

a.) Regular Meeting Minutes of December 20, 2023

Chairman Hubler called for motion to approve the Regular Meeting minutes of December 20, 2023. Commissioner Armstrong made a motion to approve with Commissioner Carroll seconding the motion. The motion was carried with Commissioner Spicer abstaining.

b.) Approval of Payments

Chairman Hubler called for a motion to approve the payments in the amount of \$15,892.50. Commissioner Abel made a motion to approve the payments in the amount of \$15,892.50 with Commissioner Carroll seconding the motion. The motion carried unanimously.

10. CHAIRMAN'S REPORT

a.) Administrative Approvals

Chairman Hubler stated there were 9 Administrative Approvals through January 24, 2024.

Chairman Hubler stated that there will be an in person meeting for the Commission every 4 months. They will be April, August & December but can be flexible with the scheduling should there be a conflict for anyone.

11. ADJOURN

Chairman Hubler called for a motion to adjourn at 6:51 p.m. Commissioner Carroll made a motion to adjourn with Commissioner Armstrong seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary