

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
February 28, 2024

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, February 28, 2024, at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Chairman, Bradford Hubler

Vice Chairman Edward Abel

Commissioner Alexander J. Armstrong

Others in attendance:

Christopher Saley, Director of Public Works

Lindsay King, Wastewater

Robert Tedeschi, Sewer Consultant, Weston & Sampson

Beverly Hayes, Recording Secretary

Andy Fowler, Alderman Liaison

Commissioners and others not in attendance:

Commissioner Tara Carroll

Commissioner Daniel Spicer

Jennifer Federico, Aldermen Liaison

Chairman Hubler 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.) 62 West Main Street – Multi Family Housing Development

Attorney Thomas Lynch representing the owner withdrew the application as David Sulkis, City Planner discovered that this is in the River Park Historic District and there may be an amendment to the plan.

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. 90 Shop Drawings have been processed to date. Responding to three (3) RFIs. Construction anticipated in early 2024, predicated on equipment delivery. He added that the Live Oaks Pump Station work will begin in June and he will be coordinating with the Board of Education as summertime will give a 2 month window.

b. *Rogers Avenue Sanitary Pump Station Upgrade:*

1. Kovacs Construction retained to construct the proposed improvements.
2. Preconstruction meeting held on 12/13/2023. Received and processing long lead time item (generator, etc.) shop drawings. Ten (10) shop drawings processed to date. Receiving and responding to Requests for Information. Construction is expected in summer.

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. Notice of Award sent and contractor is preparing agreement documents. Once compiled, the agreement will be sent to the City for execution.

d. *Collection System Improvements:*

1. City is moving forward with CIPP lining of sewers within the Boston Post Road Area.
2. City is moving forward with developing a list of on-call construction contractors who can perform sanitary sewer rehabilitation on an on call basis at the direction of the city.

Mr. Tedeschi added that they found the Heatherstone area is a big leaking area. The Grant from DEEP will help to identify other areas. Mr. King added that the bid will cover multiple years.

e. *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. 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 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.
5. 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.

4. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of January, producing high-quality effluent. 316 million gallons were treated at the Housatonic Plant and 106 million gallons at the Beaver Brook Plant for a total of 422 million gallons. The Housatonic plants monthly average effluent nitrogen was 339 lbs./day (annual average for 2023 is 339 lbs./day and is over the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 105 lbs./day (annual average for 2023 is 105 lbs./day and is over the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Repaired hydraulic leak in ultraviolet disinfection system.
2. Started demolishing one of two polymer make down systems for the belt filter press. The new make-down equipment is onsite and will be installed and operational before breaking down the second polymer make down system.
3. Raw sludge pump #1 started leaking. The pump needed a full rebuild with new disks and trunnions.
4. Return activated sludge (RAS) pump #6 failed and was sent out for repair. While waiting for the repair RAS pump #7 failed and is beyond repair. With two pumps broken one secondary clarifier must be taken offline until an RAS pump is installed. Plant hydraulic capacity is limited by 1/6th with one secondary clarifier down. A new pump has been ordered but has a 20-week lead time and we are still waiting for the other pump to get repaired. A spare pump will be ordered, budget permitting, to help weather the continuing long lead time for equipment. Mr. King added he hopes to buy spare pumps with a cost of \$20,000/each. Discussion ensued about the manufacturer of the pumps with Mr. Abel offering assistance with pumps if needed.

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Cleaned floats and transducer on effluent pump system. Pump #2 would not operate and was sent out for repair.
2. Replaced side seals on belt filter press gravity section.
3. Full service on emergency generator - fuel filters, oil filters, water filter and oil level
4. Repaired heat in breakroom

Pump Stations

Scheduled maintenance was performed at the following pump stations: Matthews, Post Road, and Anderson.

Other Duties Performed:

1. Ran generators on full load at Zion Hill, Mathews, West Mayflower, Post Road, Sailors Lane, Viscount, Cricklewood, Captains Walk, Buckingham, Cascade, Ford, Crowley, Naugatuck, Holly, Flax Mill, Carriage, Morningside, Rock, New Haven Ave, and West Ave. pump stations.
2. Sent out pump #1 at West Ave for repair.
3. Cleaned wet wells at White Oaks, Adams, Watrous, Naugatuck and Roses.
4. West Mayflower – Pulled pump #2 to replace impeller and bottom plate.

5. Milford Point – High well alarm from failed transducer. Replaced transducer and phase monitor.
6. Cleared clogs at Rogers Avenue (3x), Watrous and Ford Pump Stations

There were 3 alarms at the pump stations:

- 1 for Power Outage
- 2 for High Wet Well

Sewer Maintenance

Sewer Maintenance answered 6 complaints.

Sewer Maintenance crews performed scheduled maintenance at the following T-sites:
T-2, T-3, T-4, T-5, T-49, T-39, T-22, and T-34

There was a sewer excavation at the following location:
33 Ormond Street

Other duties performed were:

1. Jet-rodde inverted siphons at New Haven Ave., and Pond Point Ave.
2. Raised buried manholes in Norway, Jamison, and Seeman's Lane.
3. Jet-rodde and closed-circuit television inspection of Seeman's Lane
4. Friday T-sites

A total of 13,410 ft. was jet flushed, 4,900 ft. televised, 1,215 ft. spy TV 'ed, 890 ft. hand rodde, 1,675 ft hydraulically root cut, and 525 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 at Gulf Pond has begun. A portable generator is connected to the pump station for the duration of the work. The old generator has been removed and the new generator placed inside.
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. A walkthrough of the pump stations was done on 2/21 with Holzner Construction to go over the staging. Possible start in June.

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 mounted in the pump station; wiring and exhaust are being completed. Anticipated completion date is March 4th.
4. FEMA and insurance money have already been received.
5. FEMA requires the project to be completed by July 2024

5. **INFLOW/INFILTRATION UPDATE**

1. A Wet Weather SOP aimed at minimizing potential effluent violations triggered by high flow conditions at the plant has been submitted to DEEP.
2. 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.
3. 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. This work needs to start in March to take advantage of the wet weather and high-water tables to find the leaks in the system.

Mr. Saley explained that while we know some of the areas. Monies have been moved to fund the lining for Heatherstone and the SSES. They city put \$2.2 million in the Capital Improvement for the Design and Construction of Sanitary Sewers and Wastewater Facilities. I&I Mr. Tedeschi explained we do not know all of them so the SSES will help with larger areas identified to narrow them down. The city can identify some on their own by camera, but there are smoke tests to determine illicit connections and cost analysis and it is a multi year program.

6. **OLD BUSINESS** - None

7. **NEW BUSINESS** - None

8. **VOTING**

a.) *Regular Meeting Minutes of January 24, 2024*

Chairman Hubler called for motion to approve the Regular Meeting minutes of January 24, 2024. Commissioner Abel made a motion to approve with Commissioner Armstrong seconding the motion. The motion was carried unanimously.

b.) *Approval of Payments*

Chairman Hubler called for a motion to approve the payments in the amount of \$202,017.90 . Commissioner Abel made a motion to approve the payments in the amount of \$202,017.90 with Commissioner Armstrong seconding the motion. The motion carried unanimously.

9. **CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Hubler stated there were 10 Administrative Approvals through February 28, 2024.

10. **ADJOURN**

Chairman Hubler called for a motion to adjourn at 6:32 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