

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
November 17, 2021

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, November 17, 2021 at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Chairman Edmund Collier
Vice Chairman, Vacant
Commissioner Brian Bier
Commissioner Bradford Hubler
Commissioner Tara Carroll
Commissioner Edward Abel

Others in attendance:

Lindsay King, Wastewater
Christopher Saley, Director of Public Works
Robert Tedeschi, Sewer Consultant, Weston & Sampson
Chris Wester, Sewer Consultant, Weston & Sampson
Beverly Hayes, Recording Secretary

Commissioners and others not in attendance:

Martin Hardiman, BOA Liaison
James Tranquilli Jr., BOA Liaison

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

Chairman Collier welcomed Edward Abel to the Sewer Commission adding that his experience and expertise will be very valuable to the Sewer Commission.

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) - None

3. TABLED APPLICATIONS

- a.) 1553 Boston Post Road – Proposed car wash where the proposed flow exceeds the allowable flow

Commissioner Hubler made a motion to remove the application from the table with Commissioner Abel seconding the motion. The motion carried. Chairman Collier made a motion to approve for discussion. Discussion ensued as to the reduced water consumption because of the water recycling system, adding that going forward this type of car wash could be a good standard for any new car washes as well as requirements for renovations to existing car washes. Mr. Tedeschi added the development of a system wide facility plan would help. Commissioner Hubler made a motion to approve the car wash with Commissioner Carroll seconding the motion. The motion carried unanimously.

- b.) 1 Broadway/36 Naugatuck Avenue – Proposed restaurant & waiver of exterior grease trap where the proposed flow exceeds the allowable flow

Motion to remove the application from the Table by Commissioner Abel seconded by Commissioner Carroll. Motion by Commissioner Hubler to approve for discussion. C. Saley explained that per the Commissioner request he checked for room on the property for the exterior grease trap. There looks to be room, however, they may need a survey. He added that based on review of other restaurants water use, the Commission could approve the restaurant with 60 seats for the 595 gallons per day, approximately 7-10 gpd per seat and the apartments for the 211 gpd for a total of 795 GPD. A motion to deny the waiver of the exterior grease trap but approve the building for the 211 gpd for the apartments and 585 gpd for 60 seat restaurant for a total of 795 was made by Commissioner Hubler seconded by Commissioner Abel. The motion carried unanimously.

4. SEWER ASSESSMENTS

Lift Sewer Assessments suspensions on the following properties:

- 5 Flax Mill Lane
- 665 West River Street
- 970 West River Street
- 111 Rivercliff Drive
- 1040 West River Street
- 902 West River Street
- 22 Sumner Avenue
- 42 Fairwood Avenue
- 259 Burnt Plains Road
- 74 Buckingham Place

Chairman Collier explained that Ms. Hayes is working with the Tax Office to collect the Sewer Assessments that may no longer meet the criteria to remain suspended. These could be as the result of the property being connected and/or sold.

Commissioner Hubler made a motion to lift the sewer suspensions on those presented so the Tax office can bill the owner for the sewer assessment. Commissioner Abel seconded the motion and it carried unanimously.

5. **WESTCOTT & MAPES, INC.** – Report from Mark Davis – presented by Chairman Collier

A. Gulf Pond Sanitary Pump Station Repairs

The Contractor, Kovacs Construction Corp., is awaiting delivery of correctly sized hand-wheels for the new 18 and 24-inch valves installed at the station. They are also awaiting delivery of the correct damper actuators to be installed in the generator room. Apart from the preceding items, work for the project is complete.

Payment Application No. 5 has been reviewed and certified by W&M in the amount of \$101,735.56.

B. Lower Wepawaug “Stonebridge” Pond Sewer/Manhole Lining

No change since last report.

6. **CONSULTING ENGINEER’S REPORT – Weston & Sampson**

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. Topographic Survey field work has been completed at each station
 - c. Preliminary Design Drawings depicting proposed improvements are under development.
2. Collection System Flow Evaluation:
 - a. Authorized to proceed on 10/12/2021 to provide services relating to the development of a subarea-by-subarea 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. This evaluation utilizes available pumping station flow data, pump motor run-time meter data, water consumption data from the Regional Water Authority, and the City’s GIS access database.
 - i. Tabulated and processed multiple years of pump motor run-time meter data, from paper format, for each of the wastewater into Excel files.
 - ii. Reviewed water consumption data from the Regional Water Authority. This data is being compared to the pump station run time meter data.
 - iii. Developed subsystem mapping based upon pumping station sewershed areas. Draft Report will be submitted in December 2021.

3. Housatonic WWTP Modeling & Assessment: Athletic Brewing Co.
 - a. Authorized to proceed on 10/1/2021 to develop a BioWin Model.
 - b. Assisted in developing and initiating a short-term sampling program at the Plant.
 - c. Wastewater sampling data results were scheduled to be available mid November; however, due to quality issues at the laboratory, the City is switching to an alternative laboratory.
 - d. Currently anticipate receipt of complete special sampling data, estimated to be first week of December.
 - e. BioWin Model configuration and development of preliminary calibration underway.
 - f. Final calibration confirmation subject to receipt of special sampling data which has been delayed.
 - g. Capacity modeling to follow final calibration confirmation.

7. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of October, producing a high-quality effluent. 263 million gallons was treated at the Housatonic Plant and 55 million gallons at the Beaver Brook Plant for a total of 318 million gallons. The Housatonic plants monthly average effluent nitrogen was 119 lbs./day (annual average is 204 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 74 lbs./day (annual average is 57 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Completed a LED lighting upgrade for all lights at the plant. Upgrades will be paid for by a grant and loan from United Illuminating for energy efficiency upgrades. (Grant \$49,599 and Loan \$60,321)
2. Replaced motor on anoxic mixer north 2-2 and sent out mixer gearbox to get rebuilt
3. McVac sucked out west grit chamber to repair the chain driven screw conveyor. The chain and sprockets have worn beyond repair and replacements have been ordered.
4. Flushed GC-Pro system used for odor control on belt filter press

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Completed a LED lighting upgrade for all lights at the plant. Upgrades will be paid for by a grant and loan from United Illuminating for energy efficiency upgrades. (Grant \$14,168 and Loan \$17,317)
2. Removed blockage in TWAS pump
3. Cleaned level probes on polymer machine
4. Cleaned and serviced UV system
5. Jet-rodged plugged pipe in the digester

Collection System

Pump Stations

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

Other Duties Performed:

1. Generators were exercised on full load at Welches, Morningside, Rock, Anderson, Grove, Old gate, Roses Mill, Naugatuck, and Old Field Pump Stations
2. Received multiple trouble alarms at Concord PS. Changed micro relay and cleared a clog in pump #2.
3. Pumps #2 and #3 failed at Viscount PS due to age and wear and tear. New pumps have been ordered.
4. Cleaned wet wells at Morningside, Concord, Watrous, Adams and Naugatuck.
5. Waiting on new control panel at Morningside. The panel is delayed due to covid related shortages.
6. Replaced failed variable frequency drive at Captains Walk.
7. Removed clog in pump #2 at Watrous
8. Pump #4 at West Ave. ran dry when a safety failed to shut off the pump. The pump has been sent out for service.

There were 8 alarms at the pump stations:

- 0 for Power Outage
- 4 for High Wet-well
- 0 for Control Power
- 4 for Station Trouble
- 0 for Over-temperature
- 0 for Low wet-well level

Sewer Maintenance

Sewer Maintenance answered 11 complaints.

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

T-26, T-48, and T-49 and carry over T-sites T-10.

There were sewer excavations at the following locations:

17 Bertrose Ave.

Other duties performed were:

1. Root cut sewers on Campfield Circle, Hackett, and Bilyard Street.
2. Sewage back up on Seaflower Avenue (wastewater did not leave the sewer system)
3. Friday T-sites

A total of 12,310 ft. was jet flushed, 4,855 ft. televised, 1,950 ft. spy tv 'ed, 875 ft. hand rodded, 1,485 ft hydraulically root cut, 0 ft smoke tested, 605 ft root treated, and 0 ft. dye tested.

Mr. King added that the Morningside Pump Station is awaiting parts and would exposed to the winter weather. The company they ordered from is going to provide a loaner till those parts come in which will get rid of the unsightly and loud pump. Regarding the West Avenue Pump Station, a pump was sent out for repairs.

8. COMMITTEE REPORTS - None

9. OLD BUSINESS - None

10. VOTING

a.) Regular Meeting Minutes of October 27, 2021

Commissioner Hubler made a motion to approve the Regular Meeting Minutes of October 27 2021, with Chairman Collier seconding the motion. The motion carried unanimously. Commissioner Abel abstained from voting.

b.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$101,735.56. Commissioner Hubler made a motion to approve the payments in the amount of \$ 101,756.56 seconded by Commissioner Carroll. The motion carried unanimously.

c.) 2022 Sewer Commission Meeting Dates

Chairman Collier stated the dates looked fine and could be changed as needed if the dates do not work.

11. CHAIRMAN'S REPORT

a.) Administrative Approvals

Chairman Collier stated there were 18 Administrative Approvals through November 17, 2021, consisting of mostly residential.

12. ADJOURN

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