

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
March 23, 2022

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, March 23, 2022, 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 Brian Bier
Commissioner Tara Carroll

Others in attendance:

Lindsay King, Wastewater
Christopher Saley, Director of Public Works
Robert Tedeschi, Sewer Consultant, Weston & Sampson
Beverly Hayes, Recording Secretary
Scott Marlow, Alderman Liaison

Commissioners and others not in attendance:

Michelle Parente, Aldermen 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)** - None

3. **SEWER ASSESSMENTS** - None

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

A. Gulf Pond Sanitary Pump Station Repairs

No change since last report.

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

No change since last report.

5. **CONSULTING ENGINEER'S REPORT** – Weston & Sampson – Robert Tedeschi

A. 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. Basis of design report submitted January 24, 2022.
- c. Developing 60% design drawings and specifications.
- d. Electrical and Instrumentation and Controls design underway.
- e. Design meeting held 3/22/2022.
- f. **Action Item:** Submit 60% design document to the City on 3/31/2022.

2. Collection System Flow Evaluation:

- a. This project consisted of 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.
- b. Report submitted on January 24, 2022 for review and comment.
- c. **Action Item:** Receive and incorporate City comments, finalize report, and begin planning SSES activities budgeted for FY 22/23.

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

- a. Modeling results indicate that 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, modeling for the applicant's ultimate loading (at 80,000 gpd) indicates that the treatment plant 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. As currently determined from the modeling effort, these changes should consist of:
 - Addition of chemicals to the primary clarifiers to aid in the settling efficiency of the primary clarifiers as they continue to operate in a co-settling mode.
 - Addition of a new sludge dewatering rotary press and conveyor system in the existing dewatering building to accommodate the increased sludge production necessitated by the addition of the applicant's ultimate load.
- b. Weston & Sampson completed a preliminary engineering report summarizing the findings of the study which includes the improvements to the Housatonic wastewater treatment plant needed to accept the final buildout flow from the brewery, along with corresponding opinion of project cost to implement the WWTP improvements.
- c. **Action Item:** Receive and incorporate City comments, finalize report, and submit same to the applicant. *Mr. Tedeschi will forward the report to Athletic Brewing*

4. Rogers Avenue Sanitary Pump Station Upgrade

- a. Visited pumping station to compile information related to proposed pumping station improvements at the Rodgers Ave. wastewater pumping station. Upgrades to this pumping

station were originally planned for 2012 but was postponed awaiting funding. The station receives approximately 10% of the City's wastewater and serves the Milford Center area.

- b. 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.
- c. Upgrades will also be made to protect against flooding during storm events.
- d. Weston & Sampson developed a detailed scope and fee proposal to implement the needed improvements which will be reviewed by the City.
- e. **Action Item:** Weston & Sampson will begin design improvements upon receipt of authorization to proceed from the sewer commission. *Chairman Collier provided authorization to proceed with the Design.*

6. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of February, producing a high-quality effluent. 249 million gallons was treated at the Housatonic Plant and 46 million gallons at the Beaver Brook Plant for a total of 295 million gallons. The Housatonic plants monthly average effluent nitrogen was 244 lbs./day (annual average for 2022 is 244 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 76 lbs./day (annual average for 2022 is 76 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

- 1. Replaced upper sprocket on primary clarifier drive #1
- 2. Greased odor control system and checked tension
- 3. Installed new fitting on flush line for secondary scum pump
- 4. Replaced micro-c pump tube

At the Beaverbrook Plant normal monthly maintenance was performed:

- 1. Cleaned and serviced polymer make down machine
- 2. Replaced bearings and seals on belt filter press feedbox #1
- 3. Greased odor control exhaust fan

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Milford Point, Rogers Avenue, Welches Point and Old Gate Lane.

Other Duties Performed:

- 1. Generators were exercised on full load at Anderson, New Haven, Welch's Point, Rock, Old Gate, Naugatuck, Concord, Holly, Kinlock, Flax Mill, Ford, Adam's, Buckingham, Watrous, Ryders

Woods, West Mayflower, Matthew, Sailors, Rogers, Milford Point, Live Oaks, Boston Post Road, Zion Hill, and West Ave Pump Stations

2. Cleaned wet wells at Kurk Volk, Wanda, Captains Walk, Adams and Watrous
3. Changed fuel filter and nozzle on furnace at Rogers Ave
4. Replaced transformer and control board on furnace at Milford Point

There were 6 alarms at the pump stations:

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

Commissioner Abel inquired as to the portable generator pricing. Mr. King responded that he is thinking that 3KW generator will work for most of the pump stations. He will send the pricing to Beverly so she can circulate to the Board members. Commissioner Hubler suggested he compare to the cost of the rental, which Mr. King explained that renting is not always an option during storms due to high demand.

Sewer Maintenance

Sewer Maintenance answered 6 complaints.

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

T-16, T-24, T-25, T-40, T-41, T-47, and T-11
Carry over T-sites T-5, T-49, and T-22.

There were sewer excavations at the following locations:

None

Other duties performed were:

1. Worked on the Shelland/Oronoque easement and the Indian River easement behind Walmart to clear vegetation and gain access to manholes.
2. Replaced broken frame and cover on Bolt Lane
3. Cleared mainline blockages on New Haven Avenue and Miller Avenue (no wastewater left the system)
4. Root cut Strathmore Road
5. Friday T-sites

A total of 11,610 ft. was jet flushed, 5,850 ft. televised, 1,430 ft. spy TV 'ed, 890 ft. hand rodded, 1,375 ft hydraulically root cut, 0 ft smoke tested, 125 ft root treated, and 0 ft. dye tested.

7. **COMMITTEE REPORTS** - None

8. **OLD BUSINESS** - None

9. VOTING

a.) Regular Meeting Minutes of February 23, 2022

Chairman Collier called for motion to approve the minutes of February 23, 2022. Commissioner Hubler made a motion to approve the Regular Meeting Minutes of February 23, 2022, with Commissioner Abel seconding the motion. Commissioner Bier abstained from voting. The motion carried unanimously.

b.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$6,788.75. Commissioner Hubler made a motion to approve the payments in the amount of \$6,788.75 seconded by Commissioner Abel. The motion carried unanimously.

10. CHAIRMAN'S REPORT

a.) Administrative Approvals

Chairman Collier stated there were 14 Administrative Approvals through March 23, 2022.

11. ADJOURN

Chairman Collier called for a motion to adjourn at 6:22 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