

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
July 27, 2022

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, July 27, 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 Tara Carroll

Others in attendance:

Lindsay King, Wastewater
Robert Tedeschi, Sewer Consultant, Weston & Sampson
Beverly Hayes, Recording Secretary
Michelle Parente, Aldermen Liaison

Commissioners and others not in attendance:

Commissioner Brian Bier
Christopher Saley, Director of Public Works
Scott Marlow, Alderman 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.

5. **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. Submitted 90% design documents to the City for review
- c. Scheduling meeting with P&Z to discuss local permit submission process
- d. **Action Item:** Meet with City (P&Z) and submit permit application.

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 will develop a Request For Qualifications to perform the SSES Study.

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. **Action:** City is negotiating with the Applicant regarding improvements to the Housatonic WWTP which will be required to be in place prior to full build out of the facility.

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. Reviewed FEMA Flood Maps and established anticipated design flood elevation.
- d. Base topographic survey complete.
- e. Wetland delineation now complete.
- f. 30% design submission scheduled for July 29th.

6. **WASTEWATER REPORT** – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of June, producing a high-quality effluent. 209 million gallons was treated at the Housatonic Plant and 45 million gallons at the Beaver Brook Plant for a total of 254 million gallons. The Housatonic plants monthly average effluent nitrogen was 127 lbs./day (annual average for 2022 is 196 lbs./day and is under the 307 lb./day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 53 lbs./day (annual average for 2022 is 87 lbs./day and is under the permit limit of 94 lbs./day).

At the Housatonic Plant normal monthly maintenance was performed:

- 1. Replaced 90-deg elbow on grit system after the grit had worn a hole in the old elbow
- 2. Installed repaired RAS pump in secondary galley
- 3. Repaired loose gears on the influent step screen

At the Beaverbrook Plant normal monthly maintenance was performed:

- 1. Disconnected and sent out for repair influent pump #2 after a seal failure
- 2. Replaced two hydraulic lines on ultraviolet system

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Crowley, Naugatuck and Grove

Other Duties Performed:

- 1. Generators were exercised on full load at Watrous, Sailors, West Mayflower, Grove, West Ave Pump Stations
- 2. Replaced failed air compressor at Sailors PS (used for level control)
- 3. Removed and sent out for repair broken driveshaft at Rogers Ave PS
- 4. Cleared rags and pumped down Kurk Volk to clean wet-well from Costco lateral problems
- 5. Cleared clog at Milford Point and two at Rogers Ave. Pump Station

There were 7 alarms at the pump stations:

- 2 for High Water
- 1 for Power Outage
- 1 for Station Trouble
- 3 for Pump Overtemperature

Sewer Maintenance

Sewer Maintenance answered 5 complaints.

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

T-9, T-17, T-21, T-27, and T-357

There were sewer excavations at the following locations:

NA

Other duties performed were:

1. Open and inspect all manholes for paving. Replace broken frames and covers and raise manholes
2. Root cutting on Sumner, Todd and Judith Dr.
3. Clean and TV inspect on Miller, Sumner, Oregon and Bray
4. Friday T-sites

A total of 16,780 ft. was jet flushed, 2,410 ft. televised, 1,250 ft. spy TV 'ed, 875 ft. hand rodded, 1,480 ft hydraulically root cut, 0 ft smoke tested, 500 ft root treated, and 0 ft. dye tested.

Mr. King explained the Housatonic WWTP rental generator has been finally moved offsite. The 1600 amp breaker that was supposed to come in 6 weeks took 6 months. The rental cost the city is approximately \$60,000. Discussion ensued regarding generators.

7. **COMMITTEE REPORTS** - None

8. **OLD BUSINESS** - None

9. **VOTING**

a.) Public Hearing Sewer Use Public Hearing Minutes of June 1, 2022

Chairman Collier called for motion to approve the minutes of June 1, 2022. The items could not be voted on as Commissioner Bier was not in attendance this evening.

b.) Regular Meeting Minutes of June 22, 2022

Chairman Collier called for motion to approve the minutes of June 22, 2022. Commissioner Hubler made a motion to approve with Commissioner Carroll seconding the motion. The motion carried unanimously.

c.) Approval of Payments

Chairman Collier called for a motion to approve the payments in the amount of \$15,516.62. Commissioner Hubler made a motion to approve the payments in the amount of \$15,516.62 seconded by Commissioner Carroll. The motion carried unanimously.

10. CHAIRMAN'S REPORT

a.) Administrative Approvals

Chairman Collier stated there are 14 Administrative Approvals through July 27, 2022. Discussion ensued regarding 1718 Boston Post Road, which was part of these approvals, where there were problems with the maintenance of their existing 2500 gallon grease trap, which is being reduced as part of their approval to 1500 gallon grease. Mr. Tedeschi had approved the reduction as the 1500 gallon is sufficient. The letter did contain that they are required to adhere to a schedule of maintenance and Mr. King added he will monitor the pump station for problems from Costco. Also it is noted that they are required to maintain a grease trap log which is submitted to the Sewer Commission each year.

Chairman Collier added that the Brewery will be coming before the Commission soon and the City is working with them on the best management practices for the grains pre-treatment and the upgrading of the Wastewater Plant with new equipment. Also of concern is the car washes as they are all out of compliance with their water use and we have to do something to bring them into compliance. Commissioner Abel added the Commission should work on Sewer System Evaluation Survey (SSES) to identify and correct excessive infiltration and inflow (I/I) in the sanitary sewer collection system.

11. 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