

CITY OF MILFORD
SEWER COMMISSION REGULAR MEETING
December 16, 2020

The Sewer Commission of the City of Milford held a regular meeting on Wednesday, December 16, 2020, held at 6 PM. This meeting was held by videoconference via Zoom.

The following Commissioners were in attendance:

Chairman Lee Cooke
Vice Chairman Edmund Collier
Commissioner Vito Castignoli

Others in attendance:

Lindsay King, Wastewater
Mark Davis, Westcott & Mapes
Beverly Hayes, Recording Secretary

Commissioners and others not in attendance: *None*

Commissioner Brian Bier
Commissioner Bradford Hubler

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

Chairman Cooke asked for Citizens Comments and reminded everyone that statements are limited to the legislative functions of the Sewer Commission and the time limit granted to each speaker shall be 3 minutes, residents, taxpayers or electors may address the Commission.

1. **CITIZENS COMMENTS** - *None*

2. **APPLICATIONS/PETITIONS**

- a. **120 Bridgeport Avenue** – Robert Benson owner explained he took ownership of the car wash 2 years ago and was unaware that the DEEP Permit for the Oil/Water Separator had expired. He attempted to renew the permit for the prior DEEP approval of 10,000 gpd, however, Mr. King, Wastewater, referred him to the Sewer Commission. The last approved water flow by Sewer Commission was 3,992 gpd. After speaking with DEEP the application was reduced to 5,200 gpd. Mr. Davis explained that a review of the water records shows the facility using 8,690 gpd in 2019, however, a review of other car washes depicts that all of them are substantially higher than the allowed water use. Chairman Cooke asked Mr. Benson to explain how he can keep the water use under the 5,200 gpd if he were approved. Mr. Benson explained that he can reduce by disabling the higher power washing from the unit adding that there is no recycling of the water. Discussion ensued.

Commissioner Collier made a motion to Table the application till next month with Commissioner Castignoli seconding the motion. Mr. Benson assured the Commission he could wait 30 days for their response. The motion to Table carried unanimously.

3. **SEWER ASSESSMENTS** - *None*

4. WESTCOTT & MAPES, INC. – Mark Davis

A. Viscount Drive Sanitary Sewer Force Main Replacement

No change since last report.

B. Sailors Lane Pump Station Generator Replacement

No change since last report.

C. Housatonic Wastewater Digester Gas Piping Repairs

The Contractor, Denali Water Solutions LLC has completed sludge removal from the secondary digester. Interior inspection of the digester is scheduled for later this week. Valve installation on the gas piping system is being scheduled.

Payment Application No. 4 has been reviewed and certified by W&M in the amount of \$120,596.85.

D. Repair/Replace Sanitary Sewer Force Main Failures at Various Locations

No change since last report.

E. Gulf Pond Sanitary Pump Station Repairs

Notice to Proceed for the project is being issued to Kovacs Construction Corp. and the pre-construction meeting will be scheduled for January 5, 2021.

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

Notice of Award for the project has been issued to Kovacs Construction Corp. Contracts for the project are being circulated for signature.

5. CONSULTING ENGINEER’S REPORT –Mark Davis

A plan and profile drawing has been received for construction of 1120 linear feet of new sanitary sewer to serve the proposed 14 Lot Miranda Meadows Subdivision at 161 West Rutland Road. Connection to the existing sanitary sewer will be on Jennifer Lane through a proposed easement. W&M has reviewed the plan and profile for the proposed extension of the sanitary sewer and will provide comments instructing the engineer-of-record, Fred D’Amico, P.E.L.S., on conformance to City of Milford Standard Details, construction by a pre-qualified contractor, and construction inspection by the Sewer Commission’s consultant. W&M will also note that the sewer easement off Jennifer Lane should be reviewed by the City Attorney.

6. WASTEWATER REPORT – Lindsay King

Wastewater Treatment Plants

Both Wastewater Plants performed well in the month of November, producing a high-quality effluent. 200 million gallons was treated at the Housatonic Plant and 44 million gallons at the Beaver Brook Plant for a total of 244 million gallons. The Housatonic plants monthly average effluent nitrogen was 208 lbs/day (annual

average is 225 lbs/day and is under the 307 lb/day permit limit). The Beaverbrook Plants monthly average effluent nitrogen was 54 lbs/day (annual average is 67 lbs/day and is under the permit limit of 94 lbs/day).

At the Housatonic Plant normal monthly maintenance was performed:

1. Moved the belt press odor control chemical feeder to a new location. This machine adds a chemical oxidizer to the sludge to reduce odors. The new sludge processing system sludge is fed from a different location requiring the relocation.
2. Secondary Clarifier #5 remains out of service waiting for parts. The lower bearing on the collector arm is worn out and needs to be rebuilt before it can be returned to service.
3. Repaired a leak on the plant water line going to the odor control unit.
4. Fixed leak on plant water system basket strainer

At the Beaverbrook Plant normal monthly maintenance was performed:

1. Cleaned out grease and rags in plant headworks. A temporary bypass pump was installed to pump the plant flow around the headworks while it was cleaned.
2. Lubricated step screen and belt press
3. Greased and inspected digester boiler

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Zion Hill and Gulf Pond Pump Stations

Other Duties Performed:

1. Replaced grinders at West Ave and Gulf Pond
2. Generators were exercised on full load at Captains Walk, Old Field Lane, Carriage Drive, Morningside, Ryder's Woods, New Haven Ave, Live Oaks, Zion Hill, Flax Mill, Ford Street, Holly Street, Mayflower, Milford Point, Viscount Drive, Pumpkin Delight, Mathew Street, Sailors Lane, Cricklewood, Kinlock, Rogers, Concord and Crowley.
3. Cleared pump clogs at Kurk Volk and Rodgers Ave
4. There was a power supply issue at Morningside Pump Station. UI was called out to fix a loose connection at the pole
5. Cleaned Wet-Wells at Captains Walk, Adams Avenue, Roses Mill, Ryder's Woods, Naugatuck Ave and Welchs Point
6. Replaced corroded fuel lines at West Ave
7. New voltage regulator was installed at Kinlock

There were 8 alarms at the pump stations:

6 for Power Outage
2 for High Wet-well
0 for Control Power
0 for Station Trouble

Sewer Maintenance

Sewer Maintenance answered 9 complaints.

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

T-9, T-16, T-20, T-22, T-34, T-35, T-37 & T-43

There were sewer excavations at the following locations:

71 Bertrose Avenue

5 Ardmore Road

Other duties performed were:

1. Worked with Public Works raising manholes on roads to be paved
2. Checked air plug on top of Bic Drive (blocking unused West Ave Force Main) and on South Washington Street (Overflow to Beaverbrook Plant)
3. Cleared a blockage on a sewer easement from French Drive to Pond Point Avenue (no wastewater left the collection system). An access road had to be built to access the easement off Bird Lane. Once the blockage was cleared, Dukes Root Control treated the line to take care of the root buildup in the line that had caused the backup.
4. Replaced frames and covers on Ford Street, Welchs Point, Deerfield Ave and Gulf Street
5. Friday T-sites

A total of 13,610 ft. was jet flushed, 2,850 ft. televised, 1,430 ft. spy tv'ed, 625 ft. hand rodded, 1,085 ft hydraulically root cut, 0 ft smoke tested, 275 ft root treated and 0 ft dye tested.

Mr. King presented his report on Solids Handling Alternatives. He explained due to the digesters in need of repairs he has been successfully operating using a modified process for solids handling since October 2020. The modified process was developed to reduce costs, simplify operations & help increase percent solids of the sludge cake. He explained that the alternative costs about \$125,000/year less to operate. Discussion ensued.

7. **COMMITTEE REPORTS**– None

8. **OLD BUSINESS** – None

9. **VOTING**

a.) Regular Meeting Minutes of November 18, 2020

Chairman Cooke called for a motion to approve the minutes of November 18, 2020. Commissioner Castignoli made a motion to approve with Commissioner Collier seconding the motion. The motion carried unanimously.

b.) Approval of Payments

Chairman Cooke called for a motion to approve the payments in the amount of \$124,996.85. Commissioner Collier made a motion to approve the payments in the amount of \$124,996.85 seconded by Commissioner Castignoli. The motion carried unanimously.

10. **CHAIRMAN'S REPORT**

a.) Administrative Approvals

Chairman Cooke stated there were 16 Administrative Approvals through December 16, 2020.

11. EXECUTIVE SESSION – Responses to Request for Qualifications for Sewer Consultant

Chairman Cooke called for a motion to go into Executive Session at 6:30 pm. Commissioner Collier made a motion to enter Executive Session seconded by Commissioner Castignoli. The motion carried unanimously.

Chairman Cooke called for a motion to exit Executive Session 6:46 pm. Commissioner Collier made a motion exit Executive Session seconded by Commissioner Castignoli. The motion carried unanimously.

12. ADJOURN

Chairman Cooke called for a motion to adjourn at 6:47 p.m. Commissioner Castignoli made a motion to adjourn with Commissioner Collier seconding the motion. The motion carried unanimously.

Respectfully submitted,

Beverly A. Hayes, BS
Recording Secretary