

CITY OF MILFORD  
SEWER COMMISSION MEETING MINUTES  
AUGUST 28, 2013

The regular monthly meeting of the Board of Sewer Commissioners was held on Wednesday, August 28, 2013, in Conference Room "A" of the Parsons Complex, 70 West River Street. Chairman Carroll called the meeting to order at 7:00 p.m.

COMMISSION MEMBERS PRESENT: Chairman Robert Carroll, Vice-Chairman Donald Anderson, Commissioner Lee Cooke and Commissioner Bradford Hubler

OTHERS PRESENT: Consultant Raymond Macaluso, of Westcott and Mapes, Inc. and James Cooper, Superintendent of Wastewater

EXCUSED: Commissioner Edmund Collier

Chairman Carroll asked if there was anyone who was a resident, taxpayer, or elector that would like to address the Commission under Citizen's Comments and reminded everyone that they are limited to three minutes.

CITIZEN'S COMMENTS

None

PETITIONS ACCORDING TO DATE & TIME THEY WERE SUBMITTED

None

NON-CONFORMING APPLICATIONS (PETITIONS)

None

TABLED APPLICATIONS

None

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WESTCOTT AND MAPES, INC.

Indian River Interceptor Replacement, Phase 2 - ReBid

Mr. Macaluso reported that bids for the Shadyside Lane Easement Restoration were received yesterday and Don's Landscaping & Tree Service, LLC of Orange, CT was the apparent low bid at \$42,500.10. The second low bidder was Running Brook. After review of the bids received, Mr. Macaluso respectfully requested award of the Contract to Don's Landscaping & Tree Service.

Chairman Carroll asked for a motion to award the Easement Restoration Bid to Don's Landscaping & Tree Service the apparent low bidder in the amount of \$42,500.10. Vice Chairman Anderson made the motion to award the bid to Don's Landscaping & Tree Service in the amount of \$42,500.10. Commissioner Cooke seconded the motion. After some discussion regarding the easement restoration area behind the properties on Shadyside Lane the motion passed unanimously.

High Street Sanitary Sewer Upgrade

As-built drawings have been completed and submitted for acceptance. Final walk through and close out will be completed.

New Haven Avenue/Rosemary Court/Grove Street Infill

Mr. Macaluso reported that Camputaro & Son Excavating Co. completed the installation of the 8" PVC mainline sanitary sewer and 4" sanitary force main on Grove Street, and is continuing installation of 8" PVC sanitary sewer on New Haven Avenue approaching Rosemary Court.

Mr. Macaluso further reported that Camputaro has requested extension of the New Haven Avenue (Rte. 162) detour until September 18, 2013, which W&M has presented to the CT DOT for review and comment. There have been some complaints due to the road detour and closure. That section of New Haven Avenue has been under construction all summer. First it was the bridge repair, then the gas company contractor was constructing new gas mains and now the sewer main construction. We have to maintain the detour to protect the people and the workers. The DOT permit states that work cannot start before 8 am and has to stop at 3:30 pm. People see the contractor putting out barrels and signs before 8 am and they get upset about the length of the closure.

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New Haven Avenue/Rosemary Court/Grove Street Infill (continued)

The Contractor's Application for Payment No. 5 has been reviewed and certified by Westcott and Mapes in the amount of \$255,001.32, and Mr. Macaluso respectfully requested approval of payment to Camputaro.

Infill Project No. 1

Mr. Macaluso reported that Complete Construction Co. installed the new 8" PVC sanitary sewer on Seabreeze Avenue to just past MH Sta 4+80 and re-connected the existing East Shore Middle School and new addition buildings.

Mr. Macaluso reported that the Contractor has requested an extension of Contract time due to various unanticipated delays, including additional work for construction of the Roller Terrace - White Oaks Terrace sewer connection, which impeded the project schedule. Mr. Macaluso respectfully requested approval of Change Order No. 5 that will add ninety-four (94) calendar days to the Contract and revise the Contract Completion date from August 27th to November 29th 2013.

Chairman Carroll asked for a motion to approve Change Order No. 5 to add 94 calendar days to the contract completion date from August 27, 2013 to November 29, 2013. Vice Chairman Anderson made a motion to approve Change Order No. 5 to extend the contract date to November 29, 2013. Commissioner Cooke seconded the motion. The motion passed unanimously.

Based on the above extension in Contract time, Mr. Macaluso respectfully requested authorization for a not to exceed increase in Westcott and Mapes' fee of \$35,000, based on their standard hourly rates, to cover the cost of the additional services required for construction representation, survey as-built, and contract closeout work.

Chairman Carroll asked for a motion to approve Westcott and Mapes increase to their contract fees in a not to exceed amount of \$35,000. To cover their additional services. Commissioner Cooke made the motion to approve the increase to Westcott and Mapes' contract in the amount of \$35,000 to cover the additional services required. Vice Chairman Anderson seconded the motion. After some discussion about the contingency account the motion passed unanimously.

Mr. Macaluso further reported that W&M has submitted the Jennifer Lane, Roller Terrace and White Oaks Terrace as-built drawings for acceptance.

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Commissioner Cooke asked if all the roads were paved on the finished streets. Mr. Macaluso responded they were except for Riveredge where only a portion was paved because they are not paving the entire road.

The Contractor's Application for Payment No. 8 has been reviewed and certified by Westcott and Mapes in the amount of \$121,537.06, and Mr. Macaluso respectfully requested approval of payment to Complete Construction Co.

Mr. Macaluso reported that Complete Construction has made progress just past East Shore Middle School then they will continue onto Chapel Street and over to Dunbar Road in about three weeks. East Shore Middle School did not open today like the other schools. They are closed until next Tuesday due to unfinished work in the school renovation project. This had nothing to do with the sanitary sewer work that is being constructed on Seabreeze Avenue.

Infill Project No. 2

Mr. Macaluso reported that Westcott and Mapes completed preliminary design work on Plains Road and Raton Drive, and that their subcontractor has started soil boring investigation work. He further reported that survey and base mapping on High Street and Wilson Street is also under way.

Consulting Engineer's Report

None

AECOM TECHNICAL SERVICES, INC.

Chairman Carroll presented the following report from AECOM to the Commissioners.

A. West Avenue and Gulf Pond Pump Stations

Warranty work completed and in progress has been at both West Ave P.S. and Gulf Pond P.S:

- In good faith Nickerson (CHN) completed the air release blow off line and fittings to the wet well at Gulf Pond. As reported last month, this blow off comes from the safety air release valve form the Oxygen mix cone. This valve is normally not active but a few recent events (due to normal solids clogging) has caused sewage blow off inside the station causing a maintenance nuisance so it was decided to pipe this release into the wet well. This was not warranty work but "donated" to Milford for good faith enhancement. AECOM included photos of the completed work for the Commissioners to review.

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As reported last month:

*“CHN followed up with warranty work to inspect and attempt repairs on the West Ave Pump #4 leak at the suction 90° bend. They were unable to repair the leak but ordered materials in order to do so. The materials are subject to arrive in approximately 8 – 10 days. At that time the repairs will be scheduled.”*

Materials were received, however, CH Nickerson has not had the staff yet available and trying to coordinate with Jim Cooper for install/repairs.

- Addison (electrical sub) was on site last week at Lou L's request to investigate a power phase reversal problem which has caused some damage to a pump shaft as well as to one of the grinder motors. Data and documentation we have had on this recently indicate this is a power company issue and not a construction issue. AECOM and CH Nickerson will be following with a report.
- CH Nickerson's supplier has been onsite and checked out the ECO2 air release valve. The valve was fine, and needed cleaning. The cleaning was performed.
- CH Nickerson and Knapp are preparing the final wiring record documents and a CD of this final control program for AECOM's review. When final, it will be given to Jim for future use/record (i.e., a spare program). (Note this was going to be done last month, but some final adjustments made by Knapp in our last month's report needed to be included)
- Record drawings are being finalized, since AECOM has now completed our final review/comments.

**B. Welchs Point and Rock Street Pump Stations**

1. The design for this project is complete and awaiting a schedule for the approval process to advertise the project for bids.

**USER FEE REVISIONS/ASSESSMENT REVISIONS**

None

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COMMITTEE REPORTS

None

WASTEWATER REPORT

Mr. Cooper presented the following report to the Sewer Commission. Mr. Cooper explained the power phase reversal problem and assured the Commissioners that they were investigating the situation to find out what caused it. He explained that the variable frequency drive corrects for phase reversal it can correct itself. Single phase drive doesn't matter. The drive tripped and went to bypass it ran the pump backward and snapped the shaft.

Two months prior UI had to work on the transformers in the system and had to shut down the system. When they turned it back on everything seemed fine. They aren't sure what caused the power phase reversal. Jim explained that the item in AECOM's report – the Oxygen Injector System is working well at West Avenue. They have had a problem with the blow off valve at the top of the cone. It is an open 2 inch line 15 feet above the floor. When the blow off valve releases it blows 2 feet of sewage into the pump station all over the floor. Wastewater asked AECOM to make a change to stop the sewage from blowing all over the floor. They had Nickerson connect the pipe into the sump so they won't have a sewage mess on the floor.

Mr. Cooper told the Commission that he received a request from the Mayor to put together a list of potential projects for the DEEP Clean Water Fund. Jim met with Mr. Macaluso and went over the projects and the problem areas in the sewer system. A request for Clean Water Fund money will be submitted to DEEP based on this list.

Plants

Both Wastewater Plants performed well in the month of July producing a good effluent.

At the Housatonic Plant normal monthly maintenance was performed. Wastewater is doing some work on the plant odor control system and the UV disinfection system.

At the Beaverbrook Plant normal monthly maintenance was performed. Crews repaired the stepper screen that had several bad automatic valves.

Collection System  
Pump Station

Scheduled maintenance was performed at the following pump stations: Kinloch ST, Concord Ave, Wampus Ln, and Bowling Green

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Other Duties Performed by Pump Station Crews:

1. A new dehumidifier was installed at the Anderson Avenue pump station and the pump drive belts were replaced on the #1 pump.
2. Float switches were cleaned at four stations and clogged pumps were cleared at three stations.
3. The wet wells were cleaned at eleven stations.
4. A clogged air vent was cleared at the Rock Street station and a new comminutor drive motor was installed at Rogers Avenue.
5. A new squirrel cage fan was installed at the Cricklewood Station and a new sump pump was installed at Gulf Pond.
6. All station generators were load tested successfully and all stations were cleaned and had ground maintenance performed.

There were five (5) alarms at pump stations in July: Two (2) for power outage, one (1) for control power and two (2) for high water.

Sewer Maintenance

Sewer Maintenance crews answered six (6) complaints.

Sewer Maintenance crews performed scheduled maintenance at six (6) trouble sites citywide: #2, #7, #15, #23, #25 and #47.

Scheduled maintenance was performed by Sewer Maintenance crews on the following equipment: 2" Flygt Submersible pumps.

There were four (4) sewer excavations in July: 73 Wepawaug Dr, 81 Morningside DR, 12 Naugatuck Ave and 92 Bolyston ST.

Other Duties Performed by Sewer Maintenance Crews:

1. Dye tested 688 Boston Post Road to check for connection to the sanitary sewers.
2. Worked on restoring easement on Mills Ave in the Carrington Ave Easement.
3. Worked on installing TV ferret into the new van.
4. Jetted and removed sand from the sewer main in Bridgewater Avenue.
5. Set clean out manhole cover and frame at 12 Naugatuck Ave.
6. Put markers in easement from Roller Terrace to White Oaks Terrace to allow for easier location in the future.

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7. Helped Pump Station Crews clean out wet wells at eleven pump stations to be pumped out by contractor.

A total of 18,230 ft were jet flushed, 5,185 ft were TV'ed with our standard TV equipment and 1,875 ft were TV'ed with the spy eye camera. We also hand rodded 920 ft, used the hydraulic jet root cutter to relieve 1,050 ft and root treated 585 ft. We smoke tested 2,260 ft and dye tested 610 ft to check for sewer connections.

Crews performed a sewer lateral repair at 12 Naugatuck Ave that was caused by AT&T subcontractor installing a new pole. They put the new pole through the existing lateral. We are seeking reimbursement from them.

VOTING

A. MEETING MINUTES FROM THE JULY 24, 2013 REGULAR MEETING

Chairman Carroll asked for a motion to approve the minutes from the July 24, 2013 regular meeting. Commissioner Cooke made a motion to approve the minutes of the July 24, 2013 meeting. Commissioner Hubler seconded the motion. The motion passed unanimously.

B. PAYMENTS

Chairman Carroll asked for a motion to approve the following payment list for this month in the amount of \$450,705.88 as follows. Vice Chairman Anderson made a motion to approve this month's payment list. Commissioner Cooke seconded the motion. The motion passed unanimously.

To Westcott and Mapes, Infill Project No. 1, P.O. 11-0057568-001, Account No. 0026-4154-0047-4993-0000 in the amount of \$14,820.00;

To Westcott and Mapes, New Haven Ave Infills/Rosemary CT/Grove ST, P.O. 12-0059562-001, Account No. 0026-4154-0038-4993-0000 in the amount of \$15,130.00;

To Westcott and Mapes, Indian River Interceptor, P.O. 11-0057846-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$6,977.50;

To Westcott and Mapes, Infill Project No. 2 – Design, P.O. 13-0062047-001, Account No. 0026-4154-0048-4993-0000 in the amount of \$37,240.00;



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To Complete Construction, Infill Project No. 1, P.O. 13-0061142-001, Account No. 0026-4154-0047-4994-0000 in the amount of \$121,537.06;

Ralph Camputaro & Son Exc., Rosemary CT/Grove ST/New Haven Ave Infill, P.O. 13-0062045-001, Account No. 0026-4154-0049-4994-0000 in the amount of \$255,001.32.

The total of the approved Payment List for the August 28, 2013 meeting is: \$450,705.88.

CHAIRMAN'S REPORT

There were four administrative approvals this month:

1. 1212 Boston Post Road – Bed Bath and Beyond Store Renovations – This application is to renovate the existing store and to add a food preparation room to have tasting carts in the store. This property is allowed 11,595 gallons per day. The prior water usage is 543 gallons per day. New proposed water usage including the prior is 4,617.50 gallons per day. Their classification was changed by the Health Department to a class 2 therefore they will not be required to install an exterior grease trap.
2. 1270 Boston Post Road – Honey Baked Ham Store – This application is to renovate to add tables and chairs to serve food in the store not just to sell baked hams and turkeys. They already have a 1,000 gallon exterior grease trap. This property is allowed 1,605 gallons per day. They are proposing to use 942 gallons per day.
3. 304 Boston Post Road – Montano Candy & Bean Retail Space – This application is to renovate an existing space to be a retail mercantile space. The allowed gallonage is 750 gpd. The proposed gallonage is 345 gallons per day including the prior water usage.
4. 155 Hill Street – FTP Auto parts offices and warehouse Fit up – This application is to renovate an existing space to be occupied by FTP Auto parts offices and warehouse space. They are an on-line retailer. This property is allowed 16,426 gpd. The proposed water usage including the prior water usage is 5,153 gallons per day.

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Chairman Carroll received the following asbuilts for the recently completed sewer projects.

- S-1353 - West Avenue Parallel Force Main Sheet 1 of 5 – From Station 2+00 to Station 14+00
- S-1354 – West Avenue Parallel Force Main Sheet 2 of 5 – From Station 14+00 to Station 26+00
- S-1355 – West Avenue Parallel Force Main Sheet 3 of 5 – From Station 26+00 to Station 37+00
- S- 1356 – West Avenue Parallel Force Main Sheet 4 of 5 – From Station 37+00 to Station 50+00
- S-1357 - West Avenue Parallel Force Main Sheet 5 of 5 – From Station 50+00 to Station 60+00
- S- 1358 – Buckingham Ave Force Main Sheet 1 of 4 – From Station 0+00 to Station 11+50
- S-1359 – Buckingham Ave Force Main Sheet 2 of 4 – From Station 11+50 to Station 22+50
- S-1360 – Buckingham Ave Force Main Sheet 3 of 4 – From Station 22+50 to Station 32+00
- S-1361 – Buckingham Ave Force Main Sheet 4 of 4 – From Station 32+00 to Station 40+00
- S-1362 – High Street Sewer Upgrades Sheet 1 of 1 – From Station 0+00 to Station 12+59
- S-1363 – Infills No. 1 – Jennifer Lane Sheet 1 of 1 – From Station 0+00 to Station 8+61
- S-1364 – Infills No. 1 – Roller Terrace Sheet 1 of 1 – From Sta 0+00 to Sta 9+07 and Sta 0+00  
To Sta. 1+47
- S-1365 – Infills No. 1 – White Oaks Ter. Easement Sheet 1 of 1 – From Sta 0+00 to Sta 4+07

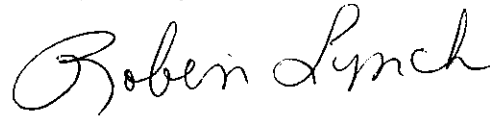
Chairman Carroll asked for a motion to accept the new sewer mains. Vice Chairman Anderson made a motion to accept the new sewer mains. Commissioner Hubler seconded the motion. The motion passed unanimously.

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Being no further business to discuss

Chairman Carroll asked for a motion to adjourn the meeting at 7:27 p.m. Commissioner Cooke made a motion to adjourn the meeting at 7:27 p.m. Commissioner Hubler seconded the motion. The meeting adjourned at 7:20 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "Robin Lynch".

Robin Lynch  
Recording Secretary  
Sewer Commission