

CITY OF MILFORD
SEWER COMMISSION MEETING MINUTES
SEPTEMBER 6, 2012

The regular monthly meeting of the Board of Sewer Commissioners was held on Thursday, September 6, 2012, in Conference Room "A" of the Parsons Complex, 70 West River Street. Chairman Carroll called the meeting to order at 7:30 p.m.

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

OTHERS PRESENT: Consultant Raymond Macaluso, of Westcott and Mapes, Inc., Mark Davis of Westcott and Mapes, Inc., Charlie Smith of AECOM and James Cooper, Superintendent of Wastewater

EXCUSED: none

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

WESTCOTT AND MAPES, INC.

Indian River Interceptor Replacement

Mr. Macaluso reported that Coastline Construction Corp. has constructed approximately 76-percent of the sewer with 382 of 415½ days used.

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He further reported that environmental investigation related to soil and groundwater pollution in New Haven Avenue has been completed and the final report is being prepared for submission to the CT DEEP for their review and comment.

Mr. Macaluso also reported that Coastline Construction Corp. submitted a request to be reimbursed \$5,672.81 for the additional cost to perform daily soil compaction testing and asphalt testing required by DOT District 3 during work along New Haven Avenue. Westcott and Mapes, Inc. has reviewed the request and determined that the testing required by DOT exceeds that required under Section 02223 of the Contract Documents, warranting reimbursement. Approval for a change order is respectfully requested.

Chairman Carroll asked for a motion to approve the change order for \$5,672.81 to reimburse Coastline Construction for the additional cost to perform soil compaction testing and asphalt testing required by DOT District 3. Commissioner Hubler made the motion to approve this change order in the amount of \$5,672.81 with Vice-Chairman Anderson seconding the motion. After some discussion regarding DOT requirements and standards met, the motion passed unanimously.

Mr. Davis of Westcott and Mapes explained that their specification called for compaction every couple hundred feet and the State DOT changed their requirement to compaction every day.

Mr. Macaluso further reported that Coastline Construction Corp. submitted a request to be reimbursed for disposal of excess material excavated during sewer construction along New Haven Avenue and which they had been directed to stockpile at the Gulf Pond Pump Station either for reuse elsewhere on the project or for use by the City. Westcott and Mapes, Inc. reported that the request is being reviewed and is expected to be submitted at the next Commission meeting.

Additionally, Mr. Macaluso reported that Coastline Construction Corp. submitted a claim dated August 28, 2012 for the cost of demobilization of non-essential equipment and delay due to the ongoing suspension of the project for investigation of the pollutants discovered along New Haven Avenue. Westcott and Mapes, Inc. reported that the claim will be discussed in Executive Session.

East Broadway Interceptor Replacement

No change since the last report.

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West Avenue Parallel Force Main

Mr. Macaluso reported on extra services performed by Westcott and Mapes, Inc. due to the warranty work required of the Contractor, C.J. Fucci Construction, Inc. The extra services involved additional construction administration investigation, on-site representation, and coordination with the West Avenue/Gulf Pond Pump Station project during Fucci's work to repair defects in the newly constructed parallel force main and bypass chamber. The fee for this additional work has been discussed with the City Attorney who recommends it be presented to the Commission for payment and either deducted from the retainage or paid directly by C.J. Fucci. Mr. Macaluso therefore respectfully requested approval of an amendment to his contract for the additional fee amount of \$16,838.75. Chairman Carroll gave the new commissioners the background history of this project including the problems with Gherlone Excavating. He also explained to the board that this money will be reimbursed to the City by C. J. Fucci or their insurance carrier.

Chairman Carroll asked for a motion to approve Mr. Macaluso's request to amend his contract for additional services performed by Westcott and Mapes during the warranty work that was performed by C.J. Fucci Construction in the amount of \$16,838.75. Commissioner Cooke made the motion to approve amending Westcott and Mapes' contract by \$16,838.75 to be reimbursed by C.J. Fucci. Vice-Chairman Anderson seconded the motion. The motion passed unanimously.

High Street Sanitary Sewer Upgrade

Mr. Macaluso reported that suspension of the project continues with work expected to resume next week based on Complete Construction Co.'s schedule. He also reported that the remainder of the sewer construction work will be performed as night work to facilitate the detour of traffic off of Broad Street and away from the Green. Completion of the project is expected to take four weeks. Complete Construction Co. has submitted a lump sum price of \$496,625 for the cost of completing the project along the revised alignment through the Green. Based on the balance available to finish the project this will result in a net change order of approximately \$11,000.

Chairman Carroll asked for a motion to approve this change order in the amount of \$11,000.00 to Complete Construction to perform night work to complete this project. Commissioner Hubler made the motion to approve this change order in the amount of \$11,000.00 to Complete Construction to perform night work to complete this project. Vice-Chairman Anderson seconded the motion. The motion passed unanimously.

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Mr. Macaluso further reported that a meeting was held in the Mayor's office on August 23rd with the Regional Water Authority to discuss relocation of the 8-inch water main on North Broad Street. At this meeting it was agreed that the City would reimburse the RWA \$12,000 which is one third of the estimated \$37,000 cost and that the RWA would absorb the remaining cost of the work. He also informed the Commission that RWA will not be responsible for any paving over their water trenches.

Chairman Carroll asked for a motion to approve this agreement with the RWA to reimburse them \$12,000.00 which is one third of the estimated cost of \$37,000. to relocate their water main for the sewer main construction. Commissioner Cooke made the motion to approve this agreement to reimburse the RWA \$12,000. to relocate their water main. Commissioner Hubler seconded the motion. The motion passed unanimously.

Mr. Macaluso respectfully requested approval of an amendment to his contract for an additional not to exceed fee of \$35,000.00 for engineering and construction representation services to change the sewer alignment to avoid conflict with major communications utilities and for night work required for completion of the project. Commissioner Cooke inquired where the money would be coming from to which Mr. Macaluso responded the contingency account.

Chairman Carroll asked for a motion to approve Mr. Macaluso's request to amend Westcott and Mapes contract for an additional not to exceed fee of \$35,000. For additional engineering representation services to change the sewer alignment and for night work required to complete this project. Commissioner Cooke made a motion to amend Westcott and Mapes' contract for an additional not to exceed fee of \$35,000. Vice-Chairman Anderson seconded the motion. After some discussion the motion passed unanimously.

New Haven Avenue/Rosemary Court/Grove Street Infill

Mr. Macaluso reported that demolition work at 18 Grove Street was started by Cherry Hill Construction, Inc. on August 23rd. Demolition is required to be completed by October 20th. Mr. Macaluso also reported that pump station plans had been submitted to the Planning and Zoning Board for CGS Section 8-24 and Coastal Area Management approval. He further reported that plans were also submitted to the DEEP, DOT District III, and the utility companies for their review and comment. The project will be bid once the comments are received. Anticipated bid will be in November 2012.

Mr. Macaluso respectfully requested approval of an amendment to his contract for a not to exceed fee of \$190,000.00 for bidding, construction administration, and representation services for the project based on his company's standard hourly rates.

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Commissioner Cooke inquired if Mr. Macaluso had discussed his fees with the City? Mr. Macaluso responded that they are his usual hourly fees and that they haven't changed in years. He explained that this request also includes Westcott and Mapes providing an as-built of the sewer main when the project is completed.

Chairman Carroll asked for a motion to approve Mr. Macaluso's request to amend his contract for a not to exceed fee of \$190,000. for additional engineering services. Vice-Chairman Anderson made a motion to approve amending Westcott and Mapes contract for a not to exceed fee of \$190,000. for additional engineering services. Commissioner Cooke seconded the motion. The motion passed unanimously.

Infill Project No. 1

Mr. Macaluso reported that bids were received on August 23, 2012 and that Complete Construction, Co. was the apparent low bidder at \$2,462,440. He respectfully requested that their bid be accepted and the contract awarded to Complete Construction Co.

Commissioner Collier asked Mr. Macaluso what was involved in this contract. Mr. Macaluso explained the various streets involved in this contract. He explained that this project is part of the Capital Improvement plan set into place by former Mayor Richetelli.

Chairman Carroll asked for a motion to award the Infills No. 1 bid to Complete Construction Co. in the amount of \$2,462,440.00. Vice-Chairman Anderson made a motion to award the Infills No. 1 bid to Complete Construction in the amount of \$2,462,440.00. Commissioner Cooke seconded the motion. The motion passed unanimously.

CONSULTING ENGINEER'S REPORT

None

AECOM TECHNICAL SERVICES, INC.

Mr. Charlie Smith, of AECOM gave the following report to the Commissioners.

A. West Avenue and Gulf Pond Pump Stations

1. The fifteenth requisition for C.H. Nickerson in the amount of \$103,241.25 is presented to the Board for approval. This requisition includes work through August 20, 2012. AECOM has reviewed, certified and recommends approval by the Board of this payment.

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2. Most work has been at Gulf Pond P.S. The work included :
- Doors and hardware 95% complete
 - Generator louvers have been initially adjusted/lubricated
 - Station by pass pumping was set up ,tested and demonstrated to allow for wet well cleaning and installation of the automatic transfer switch.
 - New pump control panel initially coordinated with existing VFDs and put on line (this work was initially scheduled for a later time but had to be integrated since the existing control panel PLC failed.)
 - A temporary common alarm to the plant was established on the above.
 - Berkshire wet well cleaning was completed.
 - ATS was installed, checked and tested.
 - Temporary bypass pumping was completed and now removed...station back on utility power.
 - Fuel day tank completed.
 - Existing buried fuel tank removed, soil tested...all successful ...no issues...manifest to come.
 - Completed the HV ductwork. (dry side)
 - Scheduled follow-up control panel integration with WWTF plant SCADA.
 - Calibrated/checked H2 S, LEL and O2 instruments.
 - Ordered/fabricated grinder channel checkered plate.
 - Inventory/record/transmit/review all spare parts for verification and turnover to City underway.
 - Completed generator louver linkage/motor and wiring verification.
 - Signage, and valve tags listing established for ordering.
 - As-builts by C.H. Nickerson and subs in progress.
 - Preliminary punch list items/unfinished work items list established.
 - Coordinate delivery and installation of new VFDs when they arrive, followed by control panel final configuration and integration.
 - In-Process...Finish ductwork connections/transitions and new carbon installation on the existing internal odor control systems. (wet well side)
 - Prepared a schedule of final trainings with City input. (note: sluice gates/operators completed on August 28th)

Mr. Smith advised the Commission that during the necessary shutdown of the Gulf Pond station for the above work, the odor control system was necessarily off line (no side stream pumps/oxygenation. There was one odor complaint forwarded to them by Westcott and Mapes. AECOM reported that this was a temporary situation and was anticipated if hot weather and low flows occurred (which it did). The pump station was put back on line as well as the oxygen odor control system and the odors ceased within hours.

3. At West Ave P.S. the following work was completed or is underway:
- Complete the HV ductwork.
 - Fuel day tank completed.
 - Existing buried fuel tank removed, soil tested...all successful ...no issues...manifest to come.
 - Calibrate/check H2 S, LEL and O2 instruments.
 - Order/fabricate and install grinder channel checkered plate.

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- Inventory/record/transmit/review all spare parts for verification and turnover to City.
 - Do signage, and valve tags.
 - Finish ductwork connections/transitions and new carbon installation on the existing internal odor control systems.
 - Complete generator louver linkage/motor and wiring verification.
 - Work on as-builts.
 - Work on preliminary punch list items.
 - Re-establish schedule and subs for core drill/outside piping excavation and dewatering followed by piping installation/testing...C. H. Nickerson will perform initial excavation and install of dewatering sumps.
 - Install /test/demonstrate VFD electrical bypasses.
 - Prepare a schedule of final trainings with City input (note : sluice gates/operators final adjustments and training completed on August 28th)
4. At the last project meeting an update of the schedule was reviewed/ discussed. The new VFDs for Gulf Pond (previously approved by change order) are on delay at the factory. These were anticipated for delivery early August. The latest information now indicates delivery will be late September. C.H. Nickerson is now necessarily delayed beyond their control and has requested a 69 calendar day time extension until November 23, 2012. CHN has indicated in writing that this delay includes their necessary time for demolition of the old, installation of the new, once the equipment arrives, startup/checkout, and testing, final panel wiring and programming integration, and training to the City. Using their planned crews and subcontractors, CHN will follow thru with no additional cost for this time extension.

AECOM has reviewed this request and concurs and recommends to the Board for approval of a no cost time extension change order. AECOM will also follow thru with this project delay at no additional costs beyond what is already contracted.

Chairman Carroll asked for a motion to approve this time extension of 69 calendar days until November 23, 2012 at a no cost to the City by either C.H. Nickerson or AECOM. Commissioner Hubler made a motion to approve this change order for a 69 day extension of time at no cost to the City. Vice-Chairman Anderson seconded the motion. The motion past unanimously.

B. East Broadway Pump Station Relocation

All work has been previously completed. The silt fences remain in place until all is firmly established and the City so directs the removal of same (probably near end of summer). AECOM continues to monitor the station during the warranty period. They recently

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contacted Camputaro, based on their recent site inspection and requested them to re-seed some areas of the project as well as to have some pump control adjustments made as reported needed by the City. Camputaro has confirmed they are following thru on these items.

C. Welchs Point and Rock Street Pump Stations

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

USER FEE REVISIONS/ASSESSMENT REVISIONS

None

COMMITTEE REPORTS

None

WASTEWATER REPORT

Mr. James Cooper, Superintendent of Wastewater, gave the following report to the Commission.

Plants

Both Wastewater Plants performed well in the month of July producing a good effluent. At the Housatonic Plant normal monthly maintenance was performed. The lamps in channel one of the UV system were replaced and maintenance was performed. We are still working on getting replacement equipment for the plant odor control system. The odor control system had to be shut off at Gulf Pond P.S. while the station was being worked on affecting the odor in the West Avenue area, but has been put back on line. Nitrogen levels are very good.

At the Beaverbrook Plant normal monthly maintenance was performed. There are very good nitrogen levels at this plant too.

Collection System

Pump Stations

Scheduled maintenance was performed at the following Pump Stations: Kinloch Street and Concord Ave.

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Other Duties performed by Pump Station crews:

1. The generator starter was replaced at the Rogers Ave. Pump Station, the generator batteries were replaced at Morningside Dr. and Rogers Ave, and the generator day tank was repaired at the Wanda Road Pump Station.
2. A new dehumidifier was installed at the Live Oaks Pump Station.
3. A new level control probe was installed at the Pumpkin Delight Pump Station.
4. All valves were exercised and lubricated at the Sailors Lane Pump Station.
5. The pumps and drive shafts were lubricated at the Gulf Pond Pump Station.
6. Three stations had clogged pumps that were cleared and wet wells were cleaned at four stations.

There were seven (7) alarms at pump stations in July: four (4) for power outage, two (2) for high water, and one (1) for control power.

Sewer Maintenance

Sewer Maintenance answered six (6) complaints

Sewer Maintenance crews performed scheduled maintenance at six (6) trouble sites citywide: #7, #15, #23, #24, #25 and #47.

Scheduled maintenance performed by sewer maintenance crews: 2" Flygt submersible pumps Model B-2051.

Other duties performed by Sewer Maintenance crews:

1. Checked manholes in easements at Adams Supermarket and Margaret Egan Center. 5 manholes, 872 feet and 780 feet.
2. Replaced frame and cover at #287 Camden Street. Replaced manhole cover at 25 Deerfield Ave. (storm)
3. Cut roots in main line at Cornflower/Dalton Rd and New Haven Avenue/Wall Street.
4. Televised several areas including: Cowles Street, Berwyn Avenue, Baker Street, Robert Street, Housatonic Drive, Tower St and Clark Street.
5. Wastewater crews repaired around a manhole on Dawes Street.
6. Jetted the grit chamber line at the Housatonic Plant.

Total of 19,430 ft. were jet flushed, 3,750 feet were TV'ed with our standard TV equipment, and 1,585 feet were TV'ed with the spy eye camera. We also hand rodded 610 ft, used the

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hydraulic jet root cutter to relieve 1,275 feet, root treated 450 ft., We smoke tested 895 ft and dye tested 370 ft to check sewer connections.

VOTING

A. MEETING MINUTES FROM THE AUGUST 2, 2012 MEETING.

Chairman Carroll asked for a motion to approve the minutes from the August 2, 2012 meeting. Vice-Chairman Anderson made a motion to approve the minutes of the August 2, 2012 meeting. Commissioner Collier 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 \$192,811.54 as follows. Commissioner Cooke made a motion to approve this month's payment list. Vice- Chairman Anderson seconded the motion. The motion passed unanimously.

To Westcott and Mapes, Rogers Avenue Pump Station & High Street, P.O. 10-0054821-001, Account No. 0026-4154-0046-4993-0000 in the amount of \$3,020.00;

To Westcott and Mapes, Infills Project No. 1, P.O. 11-0057568-001, Account No. 0026-4154-0047-4993-0000 in the amount of \$13,040.00;

To Westcott and Mapes, Indian River Interceptor, P.O. 11-0057846-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$9,240.00;

To Westcott and Mapes, Indian River Interceptor Pollution, P.O. 12-0060666-001, Account No. 0026-4154-0036-4993-0033 in the amount of \$45,355.81;

To AECOM Technical Services, West Ave and Gulf Pond Pump Stations, P.O. 10-0054355-001, Account No. 0026-4154-0036-4993-0039 in the amount of \$17,993.10;

To AECOM Technical Services, Mayflower Pump Station, P.O.12-0058818-001, Account No. 0026-4154-0036-4993-0022 in the amount of \$921.38;

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To C.H. Nickerson, West Ave/Gulf Pond P.S., P.O. 12-0057692A-001, Account No. 0026-4154-0036-4994-0031 in the amount of \$103,241.25;

The total of the approved Payment List for the September 6, 2012 meeting is: \$192,811.54

CHAIRMAN'S REPORT

There were five administrative approvals this month:

1. 1023 Boston Post Road – Cumberland Farms Convenience Store – This project is to renovate an existing convenience store. This space already has an exterior grease trap of 1,000 gallons installed. They are allowed 615 gallons per day and they are proposing 275 gallons per day which is their prior water usage.
2. 354 Woodmont Road – Escapades Catering Hall – This project is to turn an existing restaurant space into a catering hall. They are being given a temporary approval until they install an exterior grease trap. They are allowed 4,665 gallons per day and they are proposing a total water usage for this property of 3,570 gallons per day.
3. 246 New Haven Avenue – Seqovia Salon – This project is to renovate an existing space in a strip mall into a hair salon. The prior water usage is 469 gallons per day for a new total of 639 gallons per day. They are allowed 945 gpd.
4. 247 Broad Street – Doctor's Office Fit up – This project is to renovate an existing office space to include another hand sink. The prior water usage is 892 gallons per day. They are proposing an additional 225 gallons per day for a new total water usage of 1,117 gallons per day. They are allowed 8,475 gallons per day.
5. 1501 Boston Post Road – Village Bagel – They are moving from Woodruff Road to this old Quizno's site. They are allowed 1,050 gallons per day. They are proposing to use 789 gallons per day for the entire property.

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As-built Map Acceptances

Chairman Carroll presented the as-built maps for streets already constructed that we just received the sewer as-built maps for. One is Old Elm Close and the other one is Century Lane.

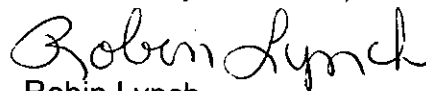
Executive Session

Chairman Carroll asked for a motion to go into executive session at 8:04 pm to discuss the claim made by Coastline Construction dated 8/28/12. Commissioner Collier made the motion to go into Executive Session at 8:04pm. Commissioner Cooke seconded the motion. The motion passed unanimously.

Chairman Carroll asked for a motion to come out of executive session at 8:27 pm. Commissioner Cooke made a motion to come out of executive session at 8:27pm and to refer the Coastline Construction claim dated 8/28/12 to the City Attorney. Vice Chairman Anderson seconded the motion. The motion passed unanimously.

Being no further discussion, Chairman Carroll asked for a motion to adjourn the meeting at 8:30 p.m. Commissioner Cooke made a motion to adjourn the meeting at 8:30 p.m. Commissioner Collier seconded the motion. The meeting adjourned at 8:30 p.m.

Respectfully submitted,



Robin Lynch
Recording Secretary
Sewer Commission