

SEWER COMMISSION
THURSDAY, January 8, 2009

A Meeting of the Board of Sewer Commissioners was held on January 8, 2009, at 7:30 p.m. in Conference Room A at the Thomas C. Parsons Complex, 70 West River Street.

Chairman, Paul Austin called the Sewer Commission meeting to order at 7:30 p.m.

The following Commission Members were present:

Chairman Paul Austin; Vice Chairman Donald Anderson;
Commissioner Michael V. Brown; and Commissioner
Robert Carroll; and Commissioner Louis D'Amato

Others Present: Consultants Raymond Macaluso and Mark Davis, Westcott
 & Mapes, Inc.; Consultants Earth Tech - Ken Bradstreet
 and Charlie Smith; James Cooper, Acting Wastewater
 Superintendent

Absent: None

NEW BUSINESS:

ELECTION OF OFFICERS:

Chairman Paul Austin asks if there are any nominations for Chairman.

Vice Chairman Donald Anderson **MADE A MOTION** to nominate Mr. Paul Austin as Chairman.

Commissioner Robert Carroll **SECONDED.**

Chairman Paul Austin asked if there are any other nominations for Chairman. There being no other nominations for Chairman, a vote was taken and the motion was unanimously carried.

Chairman Paul Austin asks if there are any nominations for Vice Chairman.

Commissioner Robert Carroll **MADE A MOTION** nominating Mr. Donald Anderson for Vice Chairman.

Commissioner Louis D'Amato **SECONDED.**

Chairman Paul Austin asked if there are any other nominations for Vice Chairman. There being no other nominations for Vice Chairman, a vote was taken and the motion was unanimously carried.

CITIZENS COMMENTS:

Charles Browne, 11 Pearl Hill Street.

Mr. Browne, requested an update and status of the East/West Interceptor Project being done by Mark IV Construction Company. Mr. Browne wanted to know what the temporary fix for the winter will be regarding how will the road be temporarily installed for the winter months. He was also concerned about the sewer main leak on 12/31/08. He stated that local residents were being notified regarding not to use the water, however, he was not notified. Mr. Browne's residence is located next to the pump station. He also asked about being compensated for property damage. He requested the name of who he should direct a letter or claim to. Mr. Browne stated that he presented photos to Mr. Michael Recchia of Westcott and Mapes, Inc..

Chairman Paul Austin asked if Mr. Browne would be willing to wait until Westcott and Mapes, Inc. made their report because there would be discussion regarding his concerns. Mr. Browne agreed to wait.

PETITIONS

90 Heenan Drive **Map 91, Block, 807, Parcel 2**

James D'Amato
Heenan Drive LLC, 183 Quarry Road, Milford, CT 06460

Commissioner Louis D'amato recuses himself from the meeting at 7:38 p.m.

Application is to connect a 28 – 3 bedroom unit complex to the City's Sanitary Sewer System. Ray Macaluso of Westcott and Mapes states that the calculations did not include the 15% for roads and that the new proposed gallonage would be 5,253 gallons per day.

Commissioner Louis D'Amato re-enters the meeting at 7:41 p.m.

Commissioner Louis D'Amato recuses himself at 9:20 p.m.

Vice Chairman Donald Anderson **MADE A MOTION** to approve the application to connect a 28-3 bedroom sub-division to the City's Sanitary Sewer System, contingent upon Jim Cooper's review of pump station area to be sure that it will be able to handle the additional flow and also taking into consideration, the correction in the proposed gallonage for the 15% for roads.

Commissioner Michael Brown **SECONDED** and it was unanimously carried.

APPROVED

HOUSATONIC

TABLED APPLICATIONS

None

WESTCOTT AND MAPES, INC.

Mark Davis, Project Manager at Westcott and Mapes, Inc. presented the report.

A. Indian River Interceptor Rehabilitation

Westcott and Mapes, Inc. reported that plans and specifications for this project are being completed and that easements will be acquired, which will then go before the Planning and Zoning Board and Board of Aldermen for authorization.

B. East-West Interceptor Replacement

Westcott and Mapes, Inc. reported that the sanitary sewer has been completed to the force main discharge on Pearl Hill Street. Remaining work consists of connection of the 24-inch sewer from the Boston Post Road Pump Station and the 8-inch sewer from Erna Avenue, together with restoration and final curb-to-curb paving. This work will be completed in the Spring of 2009.

Raymond Macaluso of Westcott and Mapes, Inc. addressed Mr. Browne's concerns regarding the damage to his property. Mr. Macaluso stated that the proper procedure for Mr. Browne to follow would be to address a letter directly to the Sewer Commission. Mr. Macaluso also stated that Westcott and Mapes took pre-construction photos. Mr. Browne felt that there had been a total disregard for taxpayer's property, i.e. equipment parked on front lawns, and materials resting against houses. Mr. Browne also stated that he recently had his driveway paved. Mr. Browne did not have any seepage in the basement. Ray Macaluso stated that we will remedy all of the problems. Any damage will be compensated to the homeowners. The road will be repaved curb to curb. Chairman Paul Austin advised Mr. Browne to submit paperwork and estimates to the Sewer Commission.

Westcott and Mapes, Inc. also reported that we have received Pay Application No. 4 from Mark IV Construction Company, Inc. Westcott and Mapes, Inc. has reviewed the application and recommends approval of Pay Application No. 4 in the amount of \$925,602.72.

In addition, Westcott and Mapes, reported that additional work was required due to field conditions for items exceeding the estimated bid quantities in the amount of \$16,765.00. Westcott and Mapes, Inc. recommends approval of Change Order No. 6. If approved, the request for payment for this item will occur next month.

Commissioner Louis D'Amato **MADE A MOTION** to approve Change Order No. 6 in the amount of \$16,765.00.

Commissioner Robert Carroll **SECONDED** and it was unanimously carried.

Westcott and Mapes also submitted an estimate for additional work to sandfill the existing 450 LF 36-inch sanitary sewer where it runs along Clark Street from Pearl Street to Hill Street for a cost of \$45,000. This is recommended due to the unknown condition of the existing sewer and the potential of future collapse of

the road. If approved, a change order for this work will be prepared and submitted at next month's meeting.

Vice Chairman Donald Anderson **MADE A MOTION** to approve in concept the \$45,000 cost for additional work to sandfill the existing 450 LF 36-inch sanitary sewer where it runs along Clark Street from Pearl Hill Street.

After discussion, Commission Michael Brown **SECONDED** and it was unanimously carried.

C. East Broadway Interceptor Replacement

Westcott and Mapes, Inc. reported that Mark IV Construction Company, Inc. is in receipt of the Commission's letter terminating their services on this contract. They have removed the sewage bypass system and dewatering system from the project area and have completed temporary paving as directed by DOT District III. They have also provided an inventory of materials to be delivered to the City. Public Works is determining a suitable location for delivery of these materials.

D. West Avenue Parallel Force Main

Westcott and Mapes, Inc. reported that the project is ready to go to bid.

Raymond A. Macaluso reported after speaking with Ms. Judy Doneiko, the Director of Finance, to confirm the budget for the West Avenue Parallel Force Main Project, there was a difference in the project budget amounts shown on the spreadsheet compiled for the Sewer Commission by Bob Brinton and the information in the Finance Department except for the bottom line budget of \$92,712,000. Mr. Macaluso informed the Commission that Ms. Doneiko recommended to change the individual project budgets with a transfer memo indicating which projects accounts need to be adjusted. Mr. Macaluso respectfully requested the Commission's authorization to prepare a project budget transfer memo from the Chairman to the Finance Department to correspond to the Sewer Facilities Upgrade Plan spreadsheet.

Once the transfer is completed, Ms. Doneiko will authorize Mr. Macaluso to contact Mr. Larry Tomasco to arrange for bidding.

Commissioner Louis D'Amato **MADE A MOTION** to authorize Mr. Macaluso to prepare a project budget transfer memo from the Chairman to the Finance Department to correspond to the Sewer Facilities Upgrade Plan spreadsheet. These transfers will be signed off on by Chairman Paul Austin. Once the transfer is completed, Judy Doneiko will authorize Mr. Macaluso to contact Larry Tomasco in Purchasing to arrange for bidding.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

E. Buckingham Avenue Force Main

Westcott and Mapes, Inc. reported that engineering design for this project is ongoing.

EARTH TECH

A. Housatonic & Beaver Brook Wastewater Treatment Plants

1. Carlin's Payment Requisition #26 in the amount of \$637,328.60 is presented to the Board for approval. This requisition includes work through December 17, 2008 as follows:

Housatonic Plant - \$571,258.44

North Aeration Tank – aeration system & piping
Site piping secondary clarifiers
Equipment demolition Clarifiers #1,2 &4
Operations Building demolition
Fire alarm, security and PA systems
HVAC

Beaver Brook Plant - \$66,070.16

Finish work
Installation of Odor Control and chemical systems
Completed emptying secondary digester

2. Change Order #57 in the amount of \$25,093.00 is submitted to the Board for approval. It includes replacement of the 4" gas pipe and the 8" fill pipe and supports in the Secondary digester at the Beaver Brook plant. It includes a credit for not replacing the 8" sludge withdrawal piping.

Commissioner Robert Carroll **MADE A MOTION** to approve Change Order No. 57 in the amount of \$25,093.00.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

3. Change Order #58 in the amount of \$20,300.00 is submitted to the Board for approval. It includes the following items of work at the Beaver Brook plant:
 - A. Added discharge piping for the primary scum decant pump as requested by plant operators. (\$13,293)
 - B. Extension of the discharge piping for the primary scum decant pump. (\$3,439)
 - C. Additional bollard to protect plant water hydrant in driveway. (\$1,763)
 - D. Added drain valves on rotary lobe pumps. (\$1,805)

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 58 in the amount of \$20,300.00.

After discussion regarding who requests the change order, Commissioner Robert Carroll **SECONDED** and it was unanimously carried.

4. Change Order #59A in the amount of \$4,820.00 is submitted to the Board for approval. It includes furnishing and installing a water softener for the odor control system at the Beaver Brook plant. This was approved in concept at the December 4, 2008 meeting of the Board.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 59A in the amount of \$4,820.00.

Commissioner Robert Carroll **SECONDED** and it was unanimously carried.

5. Change Order #59B in the amount of \$12,634.00 is submitted to the Board for approval. It includes furnishing and installing a water softener for the odor control system at the Housatonic plant. This was approved in concept at the December 4, 2008 meeting of the Board.

Commissioner Louis D'Amato **MADE A MOTION** to approve Change Order No. 59B in the amount of \$12,634.00.

Commissioner Robert Carroll **SECONDED** and it was unanimously carried.

6. Change Order #60 in the amount of \$41,506.00 is submitted to the Board for approval. It includes the following items of work at the Housatonic plant:
 - A. Modify below grade supernatant piping and add a manhole as shown on construction sketch SKM-36. (\$10,257)
 - B. Replace existing sewer manhole and replace deteriorated drain piping. (\$15,396)
 - C. Relocate plant water hydrant near primary clarifier #1. (\$2,940)
 - D. Install concrete stairs at the primary clarifiers. (\$6,571)
 - E. Modify concrete wall and add slide gate at UV structure. (\$6,342)

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 60 in the amount of \$41,506.00.

Commissioner Robert Carroll **SECONDED** and it was unanimously carried.

7. Change Order #61 in the amount of \$15,246.00 is submitted to the Board for approval. It includes raising the grade of the driveway adjacent to the North Aeration Tank, raising two catchbasins, adding a catchbasin and extending the drainage piping. This work was approved in concept at the November 6, 2008 meeting of the Board.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 61 in the amount of \$15,246.00.

After discussion, Commissioner Louis D'Amato **SECONDED** and it was unanimously carried.

8. Change Order #62 in the amount of \$11,683.00 is submitted to the Board for approval. It includes the following items of work at the Housatonic plant:

- A. Add starter for existing exhaust fan in the Gallery. (\$1,529)
- B. Add a hose bib in the Grit & Screenings Building. (\$2,482)
- C. Relocate unit heaters in the Solids Handling Building. (\$7,672)

Commissioner Louis D'Amato **MADE A MOTION** to approve Change Order No. 62 in the amount of \$11,683.00.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

9. Project Status:

Total change orders through #62	\$1,627,469
Total pending & potential change orders	\$ 435,980
Total remaining unit price items	\$ -259,265
Earth Tech/AECOM contract extension	\$ 213,060
Projected Contingency used	\$2,017,244
Total Contingency	\$2,333,372
Remaining contingency	\$ 316,128

Note: Correction made by Ken Bradstreet: Under Earth Tech's report for December 4, 2008, under item #8, total change orders through #56 should have been \$1,496,187; contingency used to date should have been \$1,456,441; and the remaining contingency (est) should have been \$876,931.

Chairman Paul Austin asked for volunteers to meet with Ken Bradstreet and Charlie Smith of Earth Tech and Jim Cooper of the Wastewater Treatment Plant to review the remaining contingency and prioritize all additional requests for funding for use thereof. Commissioner Michael Brown and Commissioner Louis D'Amato volunteered.

B. West Avenue and Gulf Pond Pump Station and Force Main

1. Earth Tech is continuing to update the design of the pump stations as well as package the plans and specifications for bidding. We anticipate advertising this project for bids approximately 6 months following advertisement of the force main project.

C. East Broadway Pump Station Relocation

1. As soon as the easement with DEP has been executed, we will proceed with soil borings, wetlands determination and CAM permits.
2. Earth Tech is proceeding with design of the Mayflower Pump Station.

D. Welches Point and Rock Street Pump Stations

1. Earth Tech has started design work on this project.

USER FEE REVISIONS/ASSESSMENT REVISIONS

None

COMMITTEE REPORTS

None

CITY ENGINEER

Chairman Paul Austin presented for approval by Sewer Commission, the As-built for the John Henry Estates Subdivision #725. The sewer As-built is assigned Sewer Map Number S-1344.

Vice Chairman Donald Anderson **MADE A MOTION** to accept the John Henry Estates Subdivision #725, Sewer Map Number S-1344.

Commissioner Louis D'Amato **SECONDED** and it was unanimously carried.

WASTEWATER

Plants

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

At the Housatonic Plant normal monthly maintenance was performed. We are no longer using chlorine at the Housatonic Plant we have been using the Ultra Violet disinfection system only.

At the Beaverbrook Plant normal monthly maintenance was performed. The secondary digester has been emptied to allow for inspection of the digesters, we found no major defects except some piping that needs to be replaced.

Collection System

Pump Stations

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

Other duties performed by pump station crews:

1. At the Carriage Drive Pump Station the existing bubbler control system failed. We had to make an emergency repair and install a new one to keep the station in operation
2. The crews assisted the wastewater electrician at the East Broadway Pump Station with the installation of the new Devar level controller and level transmitter.
3. At the West Mayflower Place Pump Station the sump pump had an operational problem that required the wastewater electrician to repair. Also the alarm system had a problem that required a Motorola technician to repair
4. A new block heater was installed at the Naugatuck Ave. Pump Station for the emergency generator.
5. Work continued on the new level control system at the Viscount Drive Pump Station

There was one (1) alarm at pump stations in November: for control power.

Sewer Maintenance

Sewer Maintenance answered eight (8) complaints.

Sewer Maintenance crews performed scheduled maintenance at six (6) trouble sites citywide: #22, #25, #29, #34, #35 and #42.

Scheduled maintenance was performed on the following equipment: All of the gas powered dewatering pumps were check out and maintained.

There were two (2) sewer excavations in November: 4 Windsong Lane, and 85 Mary Ellen Drive .

Other duties performed by Sewer Maintenance crews:

1. The Sewer Maintenance crews assisted the Pump Station Crews by plugging the lines entering the Anderson Ave. Pump Station to allow for wet well cleaning and inspection
2. We televised for acceptance part of the new 36" line known as the East West Interceptor.
3. The crews also fabricated a custom manhole cover for the Milford Fire Dept. testing pit at Fire House #7.

A total of 18,460 ft. were jet flushed, 1326 feet were TV'ed with our standard TV equipment, and 115 ft. were spy tv'ed. We also hand rodded 100 ft, used the hydraulic jet root cutter to relieve 75 ft, root treated 178 ft., smoke tested 525 ft. and dye tested 85 ft. to check for sewer connection.

Commissioner Michael Brown expressed interest in accompanying Wastewater Personnel during their scheduled maintenance, repair and troubleshooting calls. Jim Cooper said that he would welcome his interest in the processes of the Wastewater Treatment Division.

CHAIRMAN'S REPORT

No Administrative Approvals

VOTING

A. PETITIONS - See above

Commissioner Louis D'Amato recuses himself at 9:20 p.m.

B. MINUTES

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes of the Regular Sewer Commission Meeting of December 4, 2008.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes of the Public Hearing of December 4, 2008.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

Commissioner Robert Carroll **MADE A MOTION** to approve the minutes dated December 17, 2009 of the Continuation of the December 4, 2008 Public Hearing.

Vice Chairman Donald Anderson **SECONDED** and it was unanimously carried.

C. PAYMENTS

Commissioner Louis D'Amato **MADE A MOTION** to approve Payment List of January 8, 2009 as follows:

to **Carlin Construction**, Housatonic Plant Upgrades, P.O. 07-0046625-001, Account No. 0026-4154-0036-4994-0025 in the amount of **\$571,258.44;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$ 66,070.16;**

to **Mark IV Construction**, East/West Interceptor Sewer Replacement, P.O. 08-0050441-001, Account No. 0026-4154-0044-4994-0000 in the amount of **\$925,602.72;**

to **Westcott & Mapes**, Buckingham Avenue Force Main, P.O. No. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of **\$2,430.00;**

to **Westcott & Mapes**, East/West Interceptor Sewer Replacement, P.O. No. 08-0050648-001, Account No. 0026-4154-0044-4993-0000 in the amount of **\$31,162.50;**

to **Westcott & Mapes**, East Broadway Interceptor Replacement Construction, P.O. No. 07-0047721-001, Account No. 0026-4154-0036-4993-0027 in the amount of **\$16,632.50;**

to **Westcott & Mapes**, West Avenue Parallel Force Main, P.O. No. 08-0050658-001, Account No. 0026-4154-0044-4993-0000 in the amount of **\$2,940.00;**

to **Westcott & Mapes**, Contract 2006, P.O. No. 06-0045211-001, Account No. 0026-4154-0039-4993-0000 in the amount of **\$24,742.50;**

to **Independent Materials Testing Lab, Inc.** WWTP-Upgrade Project Material Testing, P.O. No. 07-0046973-0001 Account Nos. 0020-4154-0036-4993-0024 and 0026-4154-0036-4993-0024 in the amount of **\$1,590.00;**

to **Earth Tech**, East Broadway Pump Station Replacement, P.O. No. 05-0043160-001, Account No. 0026-4154-0036-4993-0022 in the amount of **\$4,500.00;**

to **Earth Tech**, Eng. Services – West Ave/Gulf Pond PS, P.O. No. 08-0050650-001, Account No. 0026-4154-0036-4993-0039 in the amount of **\$3,317.42;**

to **Earth Tech**, Contract Engineering Services WWTP Upgrade, P.O. No. 06-0045461-001, Account Nos. 0026-4154-0036-4993-0024 and 0026-4154-0036-4993-0025 in the amount of **\$83,929.81.**

The total of Payment List of January 8, 2009 is in the amount of **\$1,734,176.05.**

Commissioner Michael Brown **SECONDED** and it was unanimously carried.

EXECUTIVE SESSION

Vice Chairman Donald Anderson **MADE A MOTION** to go into Executive Session for the purpose of discussing strategy and negotiations with respect to a pending claim of Mark IV.

Commissioner Louis D'Amato **SECONDED** and it was unanimously carried.

Chairman Paul Austin announces the time at 8:50 p.m. and states that the Executive Session will be limited to the members of the Sewer Commission and Raymond Macaluso of Westcott and Mapes, Inc..

Recorder is turned off and the room is cleared of all individuals not invited and the door is shut.

Commissioner Louis D'Amato **MADE A MOTION** to end the Executive Session.

Commissioner Michael Brown **SECONDED** the motion.

Chairman Paul Austin announces the time as 9:18 p.m..

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 9:21 p.m..

Commissioner Michael Brown **SECONDED** and it was unanimously carried.

The next meeting of the Board of Sewer Commissioners is scheduled for **Thursday, February 5, 2009 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo, Clerk
City of Milford Sewer Commission