

SEWER COMMISSION
THURSDAY, October 2, 2008

A Meeting of the Board of Sewer Commissioners was held on October 2, 2008, 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; Commissioner Robert
Carroll; and Commissioner Louis D'Amato

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

Absent: None

CITIZENS COMMENTS:

Mr. Chickos had attended the July 10, 2008 and the August 7, 2008 meeting and requested that the City of Milford reimburse him for the purchase and installation of a sewage pump system. Mr. Chickos was assured at the Public Hearing that it would not be necessary for him to install a sewage pump system, however, because of a field change in the plans of the Sewer Infills Contract No. 2004-B it has become necessary for Mr. Chickos to install a sewage pump system. The Commission voted to reimburse Mr. Chickos' costs up to a sum of \$5,000 to purchase and install a sewage pump system, in order to allow his house to be connected to the new city sanitary sewer. The connection must be made within three months (by October 15, 2008) and copies of proposals, paid invoices, cancelled checks, etc. must be submitted to the city to obtain reimbursement.

At the August 7, 2008 Regular Sewer Commission Meeting, Mr. Chickos presented a proposal from Butterworth and Scheck, Inc. in the amount of \$15,650.00. The Commissioners have requested that Mr. Chickos obtain more than one estimate. Robert Brinton, City Engineer, Commissioner Michael Brown and Raymond Macaluso of Westcott and Mapes will work with Mr. Chickos to obtain names of contractors so that he can acquire more estimates. Mr. Chickos requested longer than the 90 days to complete the Commission's request.

Mr. Chickos returned to the Regular Sewer Commission meeting on September 4, 2008, and stated he hired Attorney Mager. He stated that he has called contractors and has not had any reply from anyone. Mr. Chickos asked for a 30 day extension.

On October 2, 2008, Edward, Jr. & Sharon Chickos, 20 Partridge Lane attended the Regular Sewer Commission Meeting on behalf of his father Edward Chickos, Sr. Mr. Chickos, Jr. obtained two more proposals which were presented to the Board. The first proposal is from North Haven Sewer Co., Inc in the amount of \$8,450.00 for a pump system and the second proposal is from T. L. Hayes Excavating in the amount of \$15,000.00 (\$7,000 for a gravity lateral, work that would be required in any event, and \$8,000 additional for a pump system).

Mr. Chickos, Jr. is requesting a 90 day extension.

Mr. Chickos, Jr. was asked by Ray Macaluso of Westcott & Mapes, Inc. if they had contacted Ron Johnston. Mr. Macaluso stated that Mr. Johnston will be very competitive. It was also suggested that Mr. Chickos, Jr. contact Robert Brinton, City Engineer if he has further questions. Mr. Chickos will obtain another proposal and present it to the Sewer Commission office. Mr. Macaluso also recommended that prices be obtained to install a pump in the existing septic tank.

Commissioner Louis D'Amato **MADE A MOTION** to approve a 60 day extension, at which time Mr. Chickos will present copies of proposals, paid invoices, cancelled checks, etc. to the City of Milford to obtain reimbursement.

The Commission previously voted to reimburse Mr. Chickos' costs up to a sum of \$5,000 to purchase and install a sewage pump system.

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

PETITIONS

None

TABLED APPLICATIONS

None

WESTCOTT AND MAPES, INC.

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

A. Indian River Interceptor Manhole Rehabilitation

Westcott and Mapes, Inc. reported that they received a letter from the contractor Terre Hill Composites requesting for the release of the retainage. This Tuesday, Westcott and Mapes, Inc. with the assistance of Wastewater, field investigated the condition of four representative lined manholes within the project. It was observed that the manhole linings were in great condition, just as they were upon installation, and are functioning perfectly. Westcott and Mapes, Inc. has received and reviewed the final invoice, Pay Application No. 3. On behalf of Terre Composites, Westcott and Mapes, Inc. respectfully requests approval of the contractor's final payment in the amount of \$8,148.74 for the release of the retainage.

B. Wolf Harbor/Avalon

No change.

C. East/West Interceptor

Westcott and Mapes, Inc. reported that installation of 1,300 feet of new 42 inch sewer is complete and that 700 feet of 36 inch sewer has been installed to the intersection of West Avenue and Sharon Court. It is expected that jacking of the sewer under the Boston Post Road will occur in the middle of October. There have been, however, deficiencies in the maintenance of existing sewage flow, as described in our letter to Mark IV Construction Company, Inc. dated September 30, 2008. We anticipate their response concerning how they will adequately maintain sewage flow.

Westcott and Mapes, Inc. also reported that we have received Pay Application No. 1 from the Contractor. Westcott and Mapes, Inc. has reviewed the application and has certified the amount requested. On behalf of Mark IV Construction Company, Inc. we request approval of Pay Application No. 1 in the amount of \$490,199.08.

Westcott and Mapes, Inc. also reported that additional work was required to be performed by the Contractor to remove and dispose of 488 feet of abandoned 6 inch cast iron force main found to be in conflict with the new 42 inch sewer. Westcott and Mapes, Inc. kindly presents Change Order No. 2 in the amount of \$7,320 for the cost of this additional work. If approved, the request for payment of this item will occur next month.

Commissioner Michael Brown **MADE A MOTION** to approve Change Order No. 2 in the amount of \$7,320 for the cost of additional work.

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

D. East Broadway Interceptor

Westcott and Mapes, Inc. reported that the Notice to Proceed was issued for this project on September 18, 2008. On September 24th, Westcott and Mapes, Inc. met with the Silver Sands Homeowner's Association to discuss the project and to explain road closures and provisions for parking. Test pits were excavated by the Contractor, Mark IV Construction Company, Inc. last week and installation of the dewatering system for the first 1000 feet of sewer construction is ongoing. Sewer construction is expected to begin next week.

The State was notified that the catch basins were clogged because it is a State Road. The catch basin cleaning trucks at the State and the City Public Works Department are out of commission. The City should not have to pay the additional \$15,000 – 20,000 to dewater. They were told if they were to proceed they did so at their own risk and own cost. Ray Macaluso is stating that they

should be able to wait for the State to come next week. The City should not be responsible for the additional cost.

Commissioner Louis D'Amato **MADE A MOTION** not to authorize Mark IV to proceed with the additional cost to dewater. Mark IV will need to contact DEP.

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

E. West Avenue Parallel Force Main

Westcott and Mapes, Inc. reported that CGS Section 8-24 approval for the necessary easements for the project was received from the Board of Aldermen on September 8th. Bid documents for this project are currently being completed.

F. Indian River Interceptor Replacement

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

G. 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 Plant

1. Carlin's Payment Requisition #23 in the amount of \$1,310,220.44 is presented to the Board for approval. This requisition includes work through September 15, 2008 as follows:

Housatonic Plant - \$846,352.13

Odor control piping
North side UV system – demolition & concrete work
Clarifier #5 & #6
Solids Handling Building
North Reaeration Basin - concrete work
North Anoxic and Aeration Basins
Primary Clarifier #2
Site work

The Solids Building is on-line
Clarifier #5 & #6 scheduled to go on-line next week

Beaver Brook Plant - \$463,868.31

Final Paving
Installation of raw sewage pumps
Installation of Odor Control system

Completion of major work at Beaver Brook is projected within 1 month

2. Change Order #46 in the amount of \$35,657.00 is submitted to the Board for approval. It includes the following items of work done on the basis of Time & Material at the Housatonic plant:
 - A. Install backflow preventer and connect domestic water to the polymer system as a backup to plant water at the request of the plant operators. (\$5,278)
 - B. Additional piping to connect the liquid polymer pump to the Polymer aging tank. (\$3,672)
 - C. Additional work to replace return bends, weld end plates and replace miscellaneous valves and gauges on the Digester Boiler/Heat Exchanger. (\$15,022.00) This was discussed at the July 2008 meeting of the Board with an approximate cost of \$10,000.00.
 - D. Replace 12 damaged and deteriorated skylights on the Operations Building and Utility Building roofs. The existing units were to have been reused, however as the roofs were being stripped off it was determined that they were in poor condition. (\$11,685.00)

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 46 in the amount of \$35,657.00.

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

3. Change Order #47 in the amount of \$8,599.00 is submitted to the Board for approval. It includes the following items of work done on the basis of Time & Material at the Beaver Brook plant:
 - A. Additional piping to connect the liquid polymer pump to the Polymer aging tank. (\$2,158.00)
 - B. Repair of leaded joint connection at Primary Effluent Box. The leaded joint was done as extra work under Change Order 6B, however a serious leak developed. Repair included re-excavating the connection, releading the joint and tying the connection to the structure with a retainer and encasing the connection with concrete. (\$6,441.00)

Commissioner Louis D'Amato **MADE A MOTION** to approve Change Order No. 47 in the amount of \$8,599.00.

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

4. Change Order #48 in the amount of \$139,792.00 is submitted to the Board for approval. It includes furnishing and installing a new plant water system at the Beaver Brook plant, demolition of the existing water systems and reconnecting the existing piping to the new system. This was discussed and approved in concept at the August 2008 meeting of the Board.

Vice Chairman Donald Anderson **MADE A MOTION** to approve Change Order No. 48 in the amount of \$139,792.00.

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

5. Project Status (Approximate)

Contract price including Change Order #48	\$47,883,516
Original Contract Price	\$46,667,452
	\$1,216,064
Estimated remaining unit price items	- \$302,000
Contingency Utilized to Date	\$914,064

6. Roofing is being replaced on all existing Buildings at both plants with the exception of the Stair Buildings to the Primary and Secondary Galleries at the Housatonic plant. We have recently inspected these roofs, and while they are not leaking, they are in similar condition to the roofs that are being replaced. They are also 25 years old. We have received a change order proposal from Carlin to replace these roofs in the amount of \$46,888. We are still reviewing the proposal, however, we are requesting that the board make a decision as to whether they wish us to have Carlin proceed with the work.

Commissioner Robert Carroll **MADE A MOTION** to approve the concept of the replacement of the roofs in the amount of \$46,888.00.

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

7. Jim Cooper and the plant operators have asked that we modify the second floor plan of the Operations Building at the Housatonic plant. This involves change in use of the offices, the addition of a bathroom and corresponding HVAC and electrical changes. We have not requested a proposal from Carlin Contracting at this point, however, we request that the Board make a decision as to whether they wish us to proceed with this change on a preliminary basis.

Commissioner Michael Brown **MADE A MOTION** to proceed with this change on a preliminary basis.

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

8. Jim Cooper has been working with the City MIS Department in determining the equipment needed and in getting quotations from suppliers for upgrading the telephone systems at both plants.

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. According to Westcott & Mapes, the wording of the agreement of the easement has been agreed to between the City Attorney and the Attorney General's Office. It now must go to the Planning and Zoning Commission and then to the Board of Alderman for approval.
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

Bob Brinton, City Engineer presented the Sewer Facilities Upgrade Projects Expenditures and Encumbrances to Date – dated October 2, 2008.

Bob Brinton also reported that we will be scheduling a Public Hearing to be held at 7:00 p.m. on December 4, 2008 prior to the Regular Sewer Commission meeting regarding the assessments for properties that were affected by the Contract 2004B, Bridgeport Avenue/Riverside.

WASTEWATER**Plants**

Both Wastewater Plants performed well in the month of August, 2008 producing a good effluent.

At the Housatonic Plant normal monthly maintenance was performed. New systems and equipment are coming on line all the time the staff is receiving training and getting more familiar with the new equipment and operation of the plant.

At the Beaverbrook Plant normal monthly maintenance was performed. Work at the Beaverbrook is on going, the waste thickening and sludge presses are operating and we are moving sludge from the secondary digester to the primary digester to allow work on secondary digester.

Collection System

Pump Stations

Scheduled maintenance was performed at the following pump stations: Ryder's Woods and Roses Mill Pump Stations.

Other duties performed by pump station crews:

1. At the East Broadway Pump Station a new level control system was installed to replace the old bubbler system
2. At the Welches Point Pump Station we sent out the #2 Flygt dry pit submersible pump to be rebuilt. We received it back in a week and re-installed it and everything is running okay.
3. At the Bowling Green Pump Station we installed two new KSB pumps to replace the old scan pumps. We also have a new KSB spare pump on site.
4. At the Crowley Ave Pump Station we had to have a Motorola technician on site to replace a bad Intrac Alarm Component.

There were fourteen (14) alarms at pump stations in August: 8 for power outages, 4 for high water, 1 for pump over temperature and one for alarm radio failure due to lightening.

Sewer Maintenance

Sewer Maintenance answered eight (8) complaints.

Sewer Maintenance crews performed scheduled maintenance at three (3) trouble sites citywide: #33, #39, and #40.

Scheduled maintenance was performed on the following equipment: all 2", 3", and 4" pump hoses were inspected and inventoried.

There were three sewer excavations in August: 154 Old Field Lane, 22 Sigwin Dr. and 71-73 Lansdale Ave (duplex).

Other duties performed by Sewer Maintenance crews:

1. We relieved two mainline blockages at High Street and Green Street, also Beechwood Avenue.
2. The crews responded to an odor complaint on Pelham Street and found a blockage that needed to be relieved.

A total of 10,684 ft. were jet flushed, 1,681 feet were TV'ed with our standard TV equipment, and 489 ft. were spy tv'ed. We also hand rodde 168 ft, used the

hydraulic jet root cutter to relieve 168 ft, root treated 160 ft., and dye tested 170 ft. to check for sewer connection.

CHAIRMAN'S REPORT

Chairman Paul Austin reported that as discussed at the September 4, 2008 meeting, letters were sent out to the McDonalds Restaurants at the following addresses, 1376 Boston Post Road, I-95 South Bound (WB), I-95 NB (EB); and 439 Bridgeport Avenue.

A letter was also sent to the Hampton Inn on Plains Road regarding and Food Class Change by the Health Department to a Class III.

Both were notified of the grease trap compliance regarding the installation of grease traps for existing restaurants no later than July 1, 2011.

Also, Chairman Austin reported the following Administrative Approvals for the month of September, 2008:

532 Boston Post Road – CHANGE IN APPLICATION

Original application administratively approved on August 20th for 5 efficiency units and 1-one bedroom unit.

New Application administratively approved on September 15, 2008 to connect two proposed offices to the City's Sanitary Sewer System.

The total approved proposed gallonage for the entire parcel is 277 gallons per day. Total allowable gallonage for the entire parcel is 1,185 gallons per day.

620 West Avenue

Application administratively approved to connect an existing manufacturing building to the City's sanitary Sewer System.

The total approved proposed gallonage for the entire parcel is 90 gallons per day. The total allowable gallonage for the entire parcel is 750 gallons per day.

VOTING

A. PETITIONS - See above

B. MINUTES

Commissioner Michael Brown **MADE A MOTION** to approve the minutes of the Regular Sewer Commission Meeting of September 4, 2008.

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

A. PAYMENTS

Vice Chairman Donald Anderson **MADE A MOTION** to approve Payment List of October 2, 2008 as follows:

to **Carlin Construction**, Housatonic Plant Upgrades, P.O. 07-0046625-001, Account No. 0026-4154-0036-4994-0025 in the amount of **\$846,352.13;**

to **Carlin Construction**, Beaverbrook Plant Upgrades, P.O. 07-0046618-001, Account No. 0026-4154-0036-4994-0024 in the amount of **\$463,868.31;**

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 **\$490,199.08;**

to **Terre Hill Composites, Inc.**, Indian River Interceptor Manhole Rehab, P.O. 08-0049088-001, Account No. 0026-4154-0036-4994-0023 in the amount of **\$8,148.74;**

to **Westcott & Mapes**, Buckingham Avenue Force Main, P.O. No. 08-0050540-001, Account No. 0026-4154-0045-4993-0000 in the amount of **\$7,660.00;**

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 **\$28,167.50;**

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 **\$15,340.00;**

to **Westcott & Mapes**, Indian River Interceptor, Contract Administration P.O. No. 08-0050659-001, Account No. 0026-4154-0036-4993-0033 in the amount of **\$2,580.00;**

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 **\$11,977.50;**

to **Westcott & Mapes**, Contract 2006, P.O. No. 06-0045211-001, Account No. 0026-4154-0039-4993-0000 in the amount of **\$2,062.50;**

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 **\$2,018.00;**

to **Earth Tech**, West Avenue/Gulf Pond, P.O. No. 04-0038905-001, Account No. 0026-4154-0036-4993-0021; in the amount of **\$4,200.00;**

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 **\$6,225.00;**

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 **\$2,595.05;**

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 **\$105,474.42.**

The total of Payment List of October 2, 2008 is in the amount of **\$1,996,868.23.**

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

Commissioner Robert Carroll **MADE A MOTION** to adjourn at 8:49 p.m..

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

The next meeting of the Board of Sewer Commissioners is scheduled for **Thursday, November 6, 2008 at 7:30 p.m.**

Respectfully submitted,

Cynthia N. Valeo, Clerk
City of Milford Sewer Commission